

DISSOLUTION METHOD VALIDATION ACCURACY

Product name :	Ramithiazide Tablets 5mg/12.5mg & 10mg/25mg
Tablet claim (mg) :	25
Content :	Hydrochlorothiazide
B. No. :	GP170403
Parameter :	Accuracy
L.NB No./Pg. No.:	419/070
Dissolution Medium:	0.1N HCl

Analysis Date: 13-Jun-17

Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Hydrochlorothiazide	20140403	99.90	30.02	250 mL; 6 mL -> 25 mL	14.4
Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Hydrochlorothiazide	20140403	99.90	432.68	100	4326.8

Sr.No.	RT	Area
1	2.232	17285.375
2	2.228	17282.203
3	2.228	17295.827
4	2.230	17285.744
5	2.232	17282.372
Average	2.230	17286.304
SD	0.00	5.57
%RSD	0.09	0.03
System Suitability Results		
% RSD of Area	0.03	NMT 2.0%
Tailing factor	1.17	NMT 2.0%
Theoretical plates	4075	NLT 2000

Accuracy Level (%)	Sample	Placebo Weight (mg)	mL of Standard Added	mL of Volume	Amount Added (ppm)	Area	Amount Recovered (ppm)	% Recovery	Mean % Recovery	% RSD
25	Sample 1	165.07	1.2	750	6.9	4312.542	7.18	103.75	103.7	0.01
	Sample 2	166.34	1.2	750	6.9	4311.647	7.18	103.73		
	Sample 3	166.60	1.2	750	6.9	4311.853	7.18	103.73		
50	Sample 1	168.66	2.5	750	14.4	8853.362	14.75	102.24	102.2	0.03
	Sample 2	167.30	2.5	750	14.4	8854.541	14.75	102.25		
	Sample 3	166.96	2.5	750	14.4	8850.059	14.74	102.20		
100	Sample 1	167.09	5.0	750	28.8	17595.550	29.31	101.60	101.5	0.14
	Sample 2	166.57	5.0	750	28.8	17547.427	29.23	101.32		
	Sample 3	167.06	5.0	750	28.8	17569.828	29.26	101.45		
150	Sample 1	165.74	7.5	750	43.3	25971.796	43.26	99.97	99.9	0.09
	Sample 2	166.21	7.5	750	43.3	25966.558	43.25	99.95		
	Sample 3	165.37	7.5	750	43.3	25930.706	43.19	99.81		
									Mean	101.2
									SD	1.18
									% RSD	1.16

Done by:
Date:

Pranav
14-Jun-17

Checked by:
Date:

Pranav
13-Jun-17

DISSOLUTION METHOD VALIDATION ACCURACY

Product name :	Ramithiazide Tablets 5mg/12.5mg & 10mg/25mg
Label claim (mg) :	25
Content :	Hydrochlorothiazide
B. No. :	GP170483
Parameter :	Accuracy
LNB No./Pr. No.:	419/070
Dissolution Medium:	0.1N HCl

Analysis Date: 13-Jun-17

Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Hydrochlorothiazide	20140403	99.90	30.02	250 mL, 6 mL -> 25 mL	14.4
Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Hydrochlorothiazide	20140403	99.90	432.68	100	4326.8

Sr.No.	RT	Area
1	2.232	17285.375
2	2.228	17282.303
3	2.228	17295.827
4	2.230	17285.744
5	2.232	17282.372
Average	2.230	17286.304
SD	0.00	5.57
%RSD	0.09	0.03
System Suitability Results		
% RSD of Area	0.03	NMT 2.0%
Tailing factor	1.17	NMT 2.0%
Theoretical plates	4075	NLT 2000

Accuracy Level (%)	Sample	Placebo Weight (mg)	mL of Standard Added	mL of Volume	Amount Added (ppm)	Area	Amount Recovered (ppm)	% Recovery	Mean % Recovery	% RSD
25	Sample 1	165.07	1.2	750	6.9	4312.542	7.18	103.75	103.7	0.01
	Sample 2	166.34	1.2	750	6.9	4311.647	7.18	103.73		
	Sample 3	166.60	1.2	750	6.9	4311.853	7.18	103.73		
50	Sample 1	168.66	2.5	750	14.4	8853.362	14.75	102.24	102.2	0.03
	Sample 2	167.30	2.5	750	14.4	8854.541	14.75	102.25		
	Sample 3	166.96	2.5	750	14.4	8850.059	14.74	102.20		
100	Sample 1	167.09	5.0	750	28.8	17595.550	29.31	101.60	101.5	0.14
	Sample 2	166.57	5.0	750	28.8	17547.427	29.23	101.32		
	Sample 3	167.06	5.0	750	28.8	17569.828	29.26	101.45		
150	Sample 1	165.74	7.5	750	43.3	25971.796	43.26	99.97	99.9	0.09
	Sample 2	166.21	7.5	750	43.3	25966.558	43.25	99.95		
	Sample 3	165.37	7.5	750	43.3	25930.706	43.19	99.81		
									Mean	101.2
									SD	1.18
									% RSD	1.16

Done by: *[Signature]*
Date: 14-Jun-17

Checked by: *[Signature]*
Date: 14-Jun-17

DISSOLUTION METHOD VALIDATION ACCURACY

Product name :	Ramithiazide Tablets 5mg/12.5mg & 10mg/25mg
Tablet claim (mg) :	10
Content :	Ramipril
B. No. :	GP178403
Parameter :	Accuracy
L.N.B. No./P.e. No. :	419/070
Dissolution Medium :	0.1N HCl

Analysis Date: 13-Jun-17

Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Ramipril	RL14203	99.80	25.44	250 mL : 3 mL < 25 mL	12.2
Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Ramipril	RL14203	99.80	186.05	100	1860.5

Sl. No.	RT	Area
1	4.200	4418.407
2	4.197	4421.912
3	4.197	4355.796
4	4.198	4355.281
5	4.200	4348.789
Average	4.198	4380.037
SD	0.00	36.75
%RSD	0.04	0.84
System Suitability Results		
% RSD of Area	0.14	NMT 2.0%
Tailing Factor	1.08	NMT 2.0%
Theoretical Plates	5703	NLT 2000

Accuracy Level (%)	Sample	Placebo Weight (mg)	mL of Standard Added	mL of Volume	Amount Added (ppm)	Area	Amount Recovered (ppm)	% Recovery	Mean % Recovery	% RSD
25	Sample 1	165.07	1.2	750	3.0	1046.315	2.93	98.5	97.8	0.77
	Sample 2	166.34	1.2	750	3.0	1039.863	2.91	97.9		
	Sample 3	166.60	1.2	750	3.0	1030.405	2.89	97.0		
50	Sample 1	168.66	2.5	750	6.2	2235.645	6.27	101.0	101.0	0.19
	Sample 2	167.30	2.5	750	6.2	2238.134	6.27	101.1		
	Sample 3	166.96	2.5	750	6.2	2229.837	6.25	100.8		
100	Sample 1	167.09	5.0	750	12.4	4477.165	12.55	101.2	100.4	0.96
	Sample 2	166.57	5.0	750	12.4	4456.113	12.49	100.7		
	Sample 3	167.06	5.0	750	12.4	4394.682	12.32	99.3		
150	Sample 1	165.74	7.5	750	18.6	6506.724	18.23	98.0	98.6	0.53
	Sample 2	166.21	7.5	750	18.6	6571.839	18.42	99.0		
	Sample 3	165.37	7.5	750	18.6	6560.354	18.38	98.8		
									Mean	100.0
									SD	1.23
									% RSD	1.23

Done by:
Date:

Praveen
14-Jun-17

Checked by:
Date:

Praveen
14-Jun-17

DISSOLUTION METHOD VALIDATION ACCURACY

Product name	Ramithiazide Tablets 5mg/12.5mg & 10mg/25mg
Label claim (mg)	10
Content	Ramipril
B. No.	GP170403
Parameter	Accuracy
LNB No./Pg. No.	419/070
Dissolution Medium	0.1N HCl

Analysis Date: 13-Jun-17

Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Ramipril	RL14203	99.80	25.44	250 mL; 3 mL <= 25 mL	12.2

Name of Standard	Standard B. No.	Standard Purity(%)	Standard Wt (mg)	Dilution Details	Conc (ppm)
Ramipril	RL14203	99.80	186.05	100	1860.5

Sr.No.	RT	Area
1	4.200	4418.407
2	4.197	4421.912
3	4.197	4355.796
4	4.198	4355.281
5	4.200	4348.789
Average	4.198	4380.037
SD	0.00	36.75
%RSD	0.01	0.84
System Suitability Results		
% RSD of Area	0.84	NMT 2.0%
Tailing Factor	1.08	NMT 2.0%
Theoretical Plates	5705	NLT 2000

Accuracy Level (%)	Sample	Placebo Weight (mg)	mL of Standard Added	mL of Volume	Amount Added (ppm)	Area	Amount Recovered (ppm)	% Recovery	Mean % Recovery	% RSD
25	Sample 1	165.07	1.2	750	3.0	1046.315	2.93	98.5	97.8	0.77
	Sample 2	166.34	1.2	750	3.0	1039.863	2.91	97.9		
	Sample 3	166.60	1.2	750	3.0	1030.405	2.89	97.0		
50	Sample 1	168.66	2.5	750	6.2	2235.645	6.27	101.0	101.0	0.19
	Sample 2	167.30	2.5	750	6.2	2238.134	6.27	101.1		
	Sample 3	166.96	2.5	750	6.2	2229.837	6.25	100.8		
100	Sample 1	167.09	5.0	750	12.4	4477.165	12.55	101.2	100.4	0.96
	Sample 2	166.57	5.0	750	12.4	4456.113	12.49	100.7		
	Sample 3	167.06	5.0	750	12.4	4394.682	12.32	99.3		
150	Sample 1	165.74	7.5	750	18.6	6506.724	18.23	98.0	98.6	0.53
	Sample 2	166.21	7.5	750	18.6	6571.839	18.42	99.0		
	Sample 3	165.37	7.5	750	18.6	6560.354	18.38	98.8		
									Mean	100.0
									SD	1.23
									% RSD	1.23

Done by:
Date:

Praveen
14-Jun-17

Checked by:
Date:

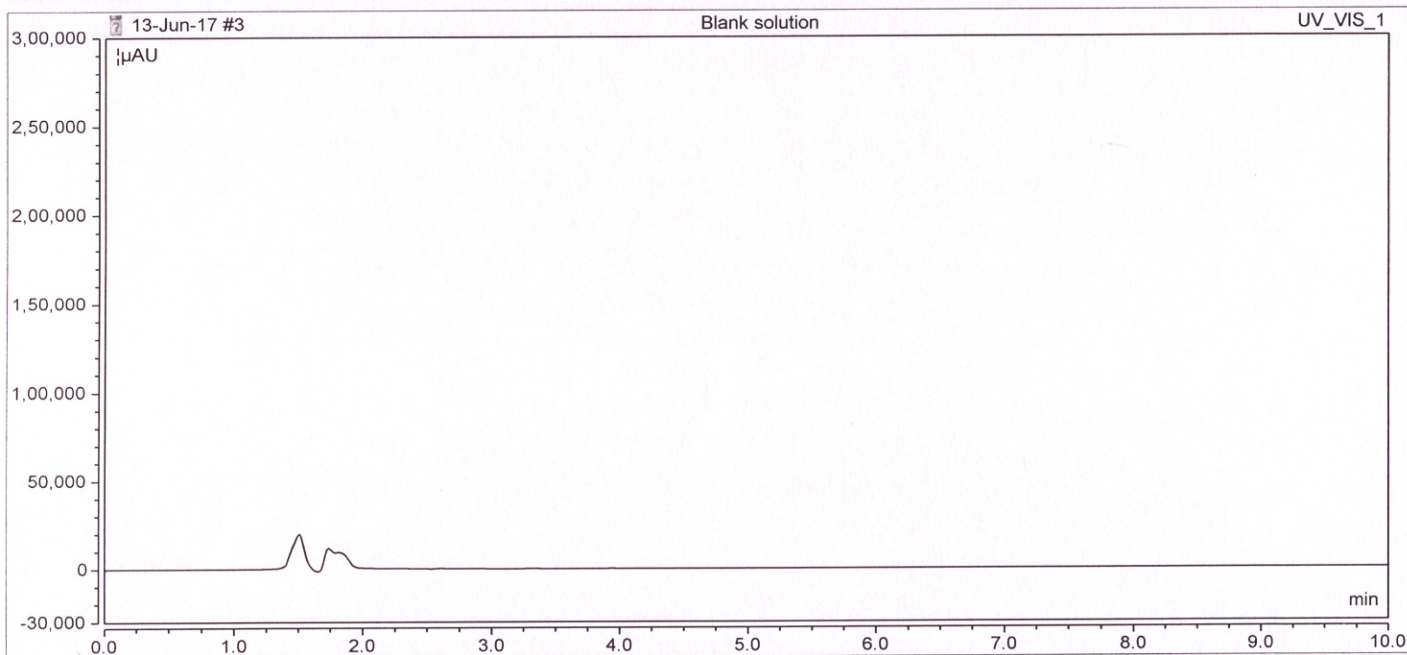
Praveen
14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Blank solution	Run Time (min):	10.00
Vial Number:	2_1	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 20:11	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	!AU*min	%			
Total:							

Default/Integration

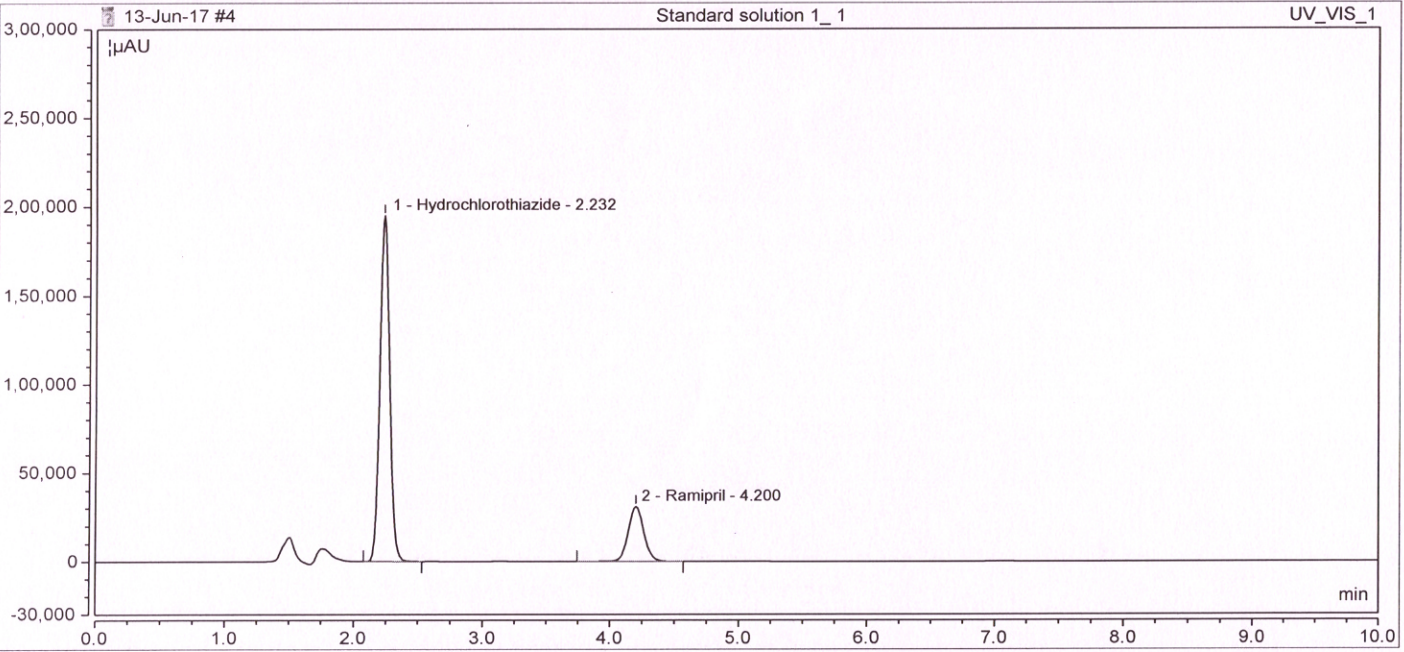
Pankaj
14-Jun-17Chromeleon (c) Dionex
Version 7.2.4.8525Rijani
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 1_ 1	Run Time (min):	10.00
Vial Number:	2_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 20:22	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.232	17285.375	79.64	1.17	4075	336.0
2	Ramipril	4.200	4418.407	20.36	1.08	5705	283.6
Total:							

Pankaj Gurav
14-Jun-17

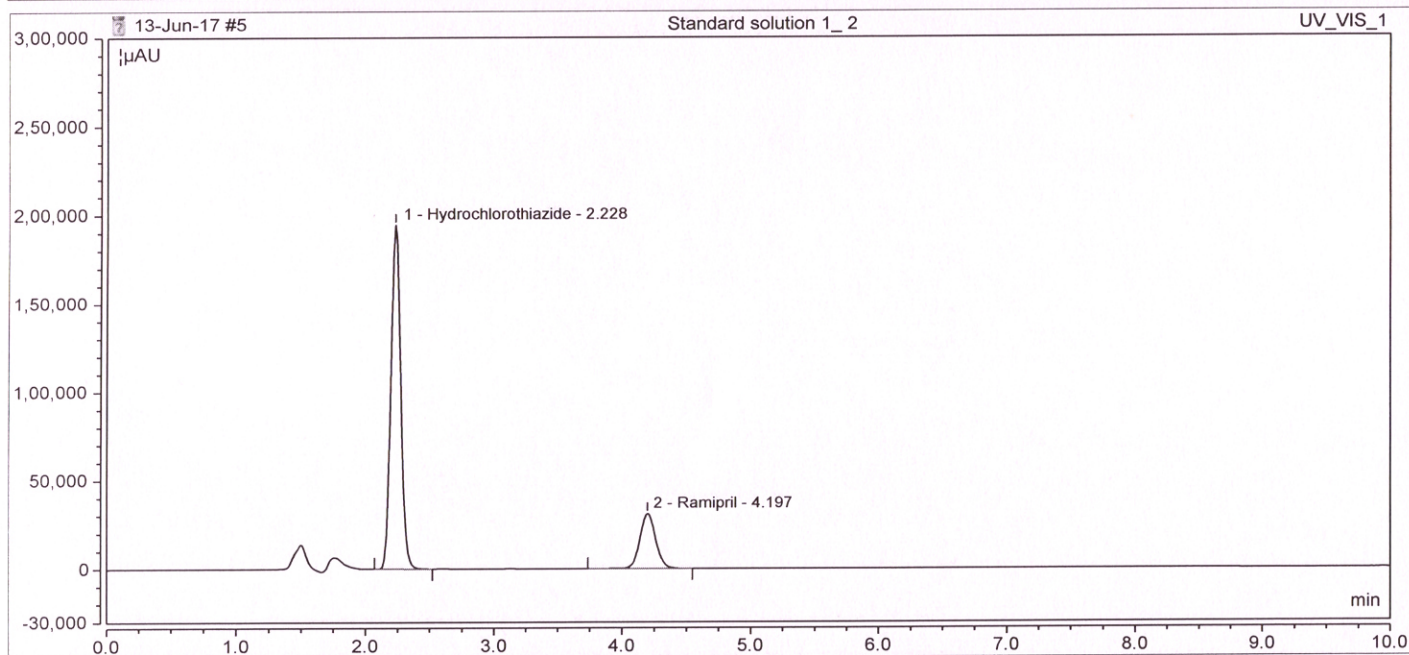
Pankaj Gurav
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 1_ 2	Run Time (min):	10.00
Vial Number:	2_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 20:34	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.228	17282.203	79.63	1.17	4050	382.4
2	Ramipril	4.197	4421.912	20.37	1.08	5688	312.3
Total:							

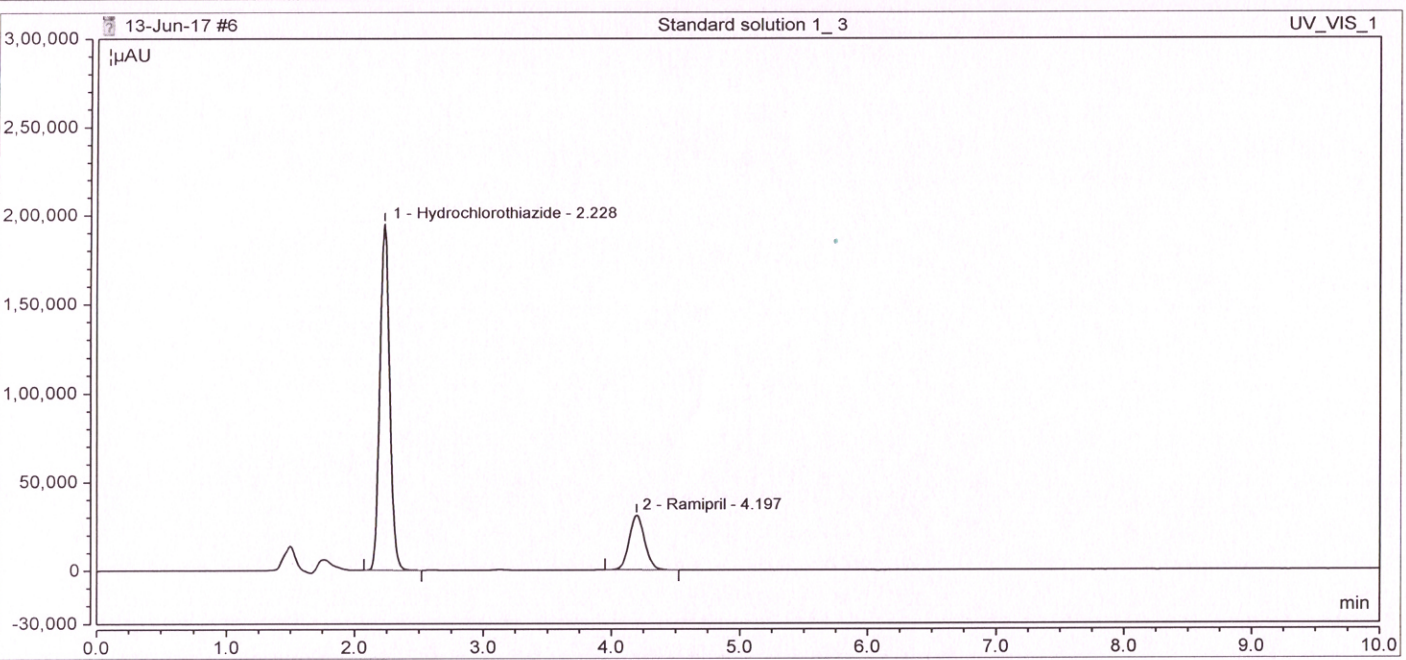
Pankaj
14-Jun-17Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 1_ 3	Run Time (min):	10.00
Vial Number:	2_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 20:45	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	!AU*min	%			
1	Hydrochlorothiazide	2.228	17295.827	79.88	1.15	4066	362.0
2	Ramipril	4.197	4355.796	20.12	1.08	5724	177.2
Total:							

Pankaj
14-Jun-17

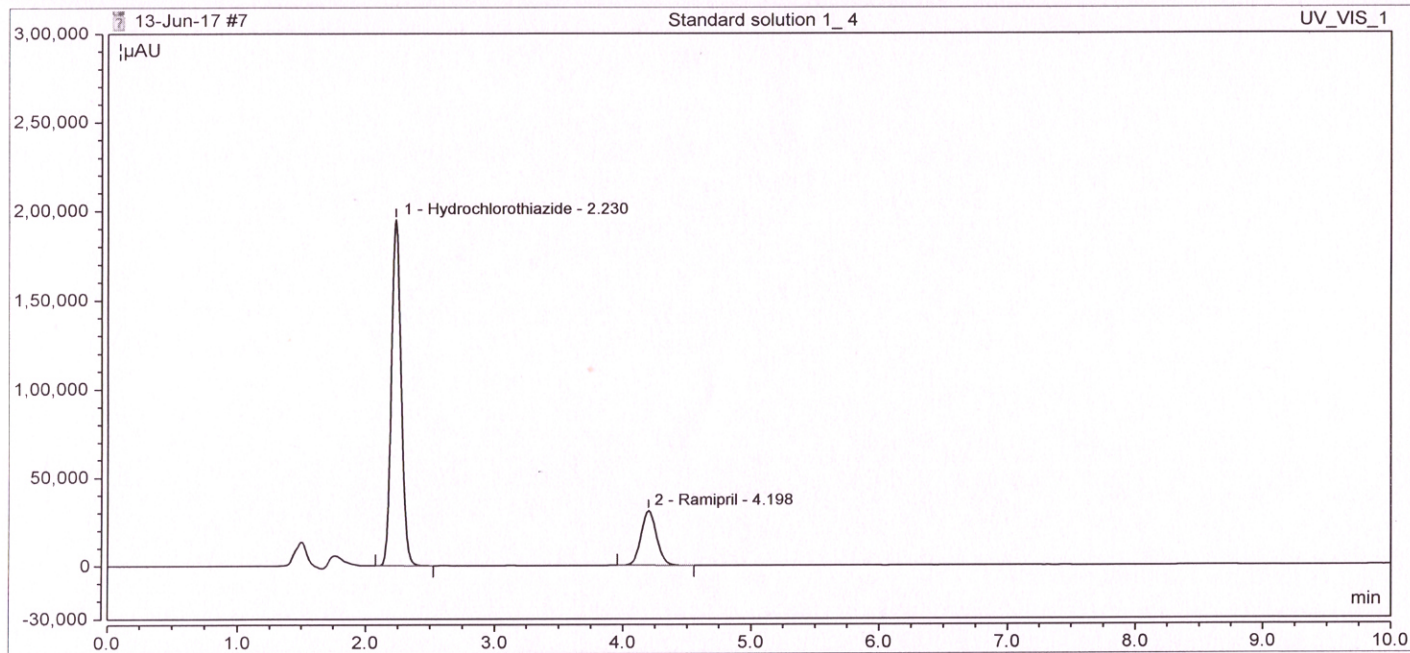
Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 1_ 4	Run Time (min):	10.00
Vial Number:	2_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 20:56	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.230	17285.744	79.87	1.17	4071	401.8
2	Ramipril	4.198	4355.281	20.13	1.08	5732	284.3
Total:							

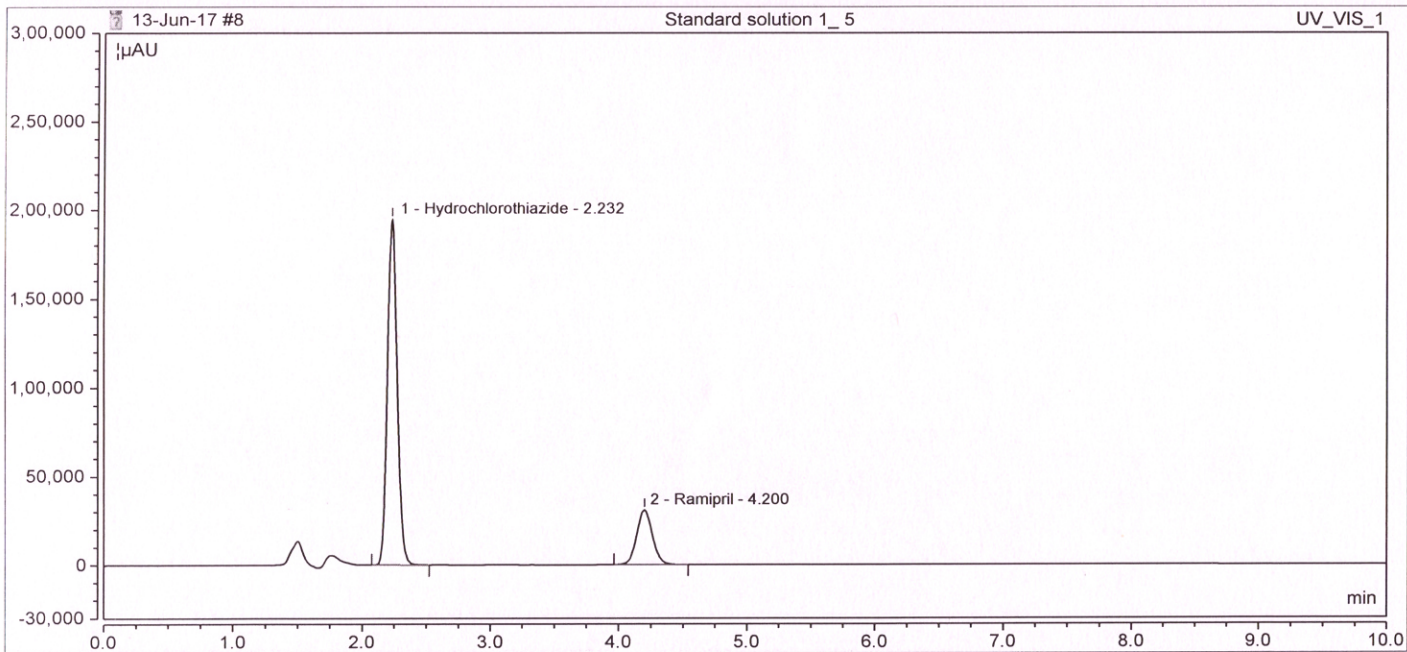
Pankaj
14-Jun-17Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 1_ 5	Run Time (min):	10.00
Vial Number:	2_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 21:07	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.232	17282.372	79.90	1.15	4072	409.8
2	Ramipril	4.200	4348.789	20.10	1.07	5735	260.7
Total:							

Pankaj
14-Jun-17

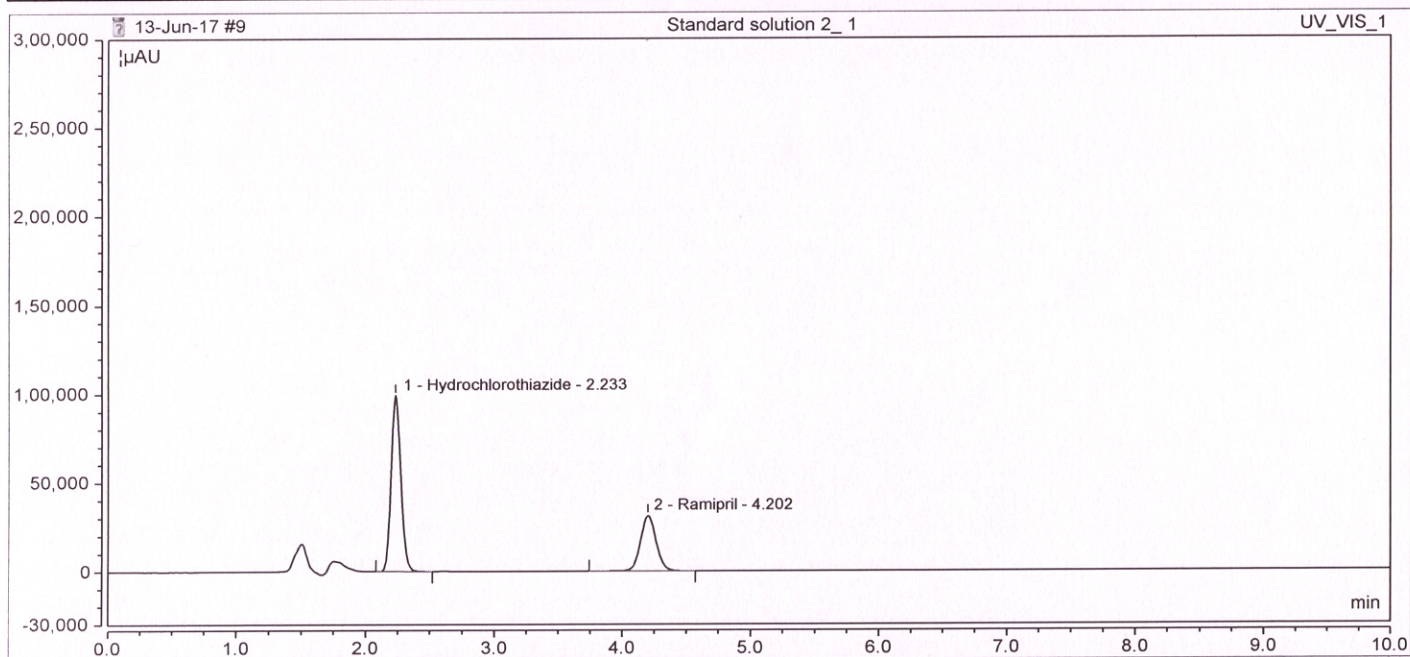
Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 2_1	Run Time (min):	10.00
Vial Number:	2_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 21:19	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.233	8705.757	66.29	1.15	4160	148.7
2	Ramipril	4.202	4426.565	33.71	1.07	5786	302.2
Total:							

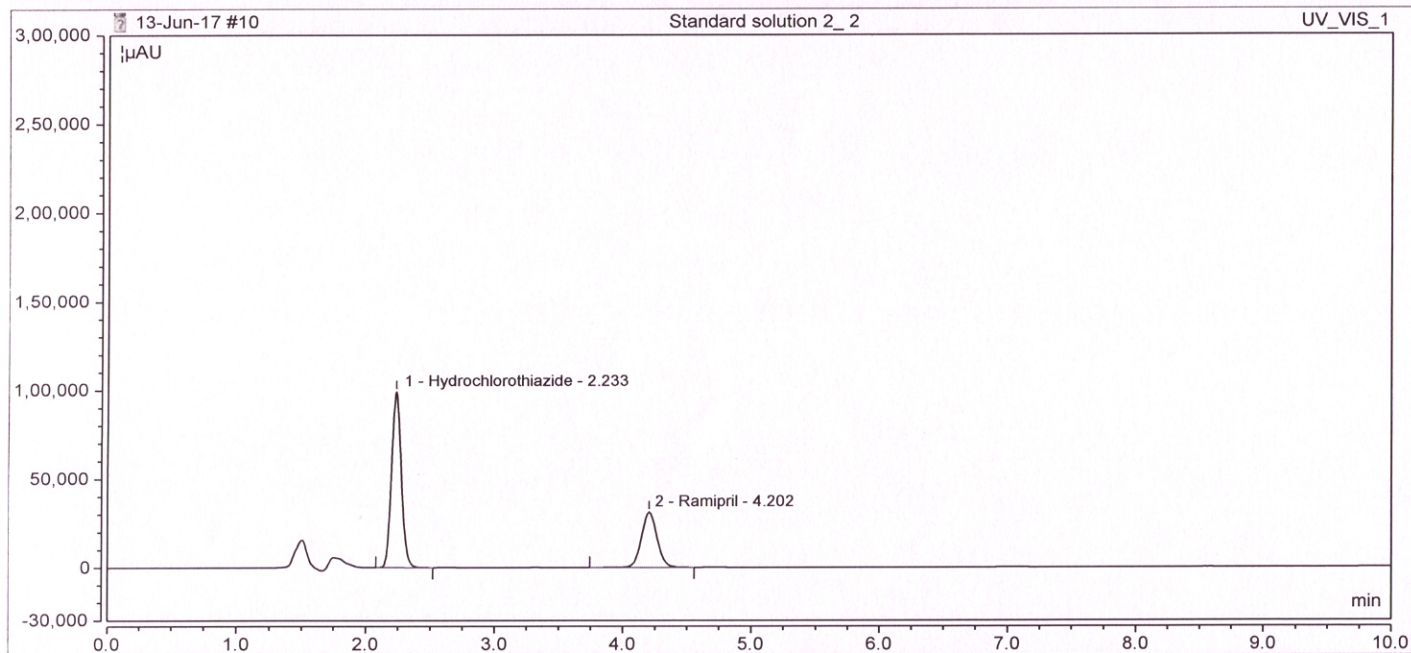
Pankaj Gurav
14-Jun-17Pankaj Gurav
14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 2_2	Run Time (min):	10.00
Vial Number:	2_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 21:30	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.233	8705.898	66.30	1.14	4171	159.0
2	Ramipril	4.202	4424.769	33.70	1.07	5785	297.5
Total:							

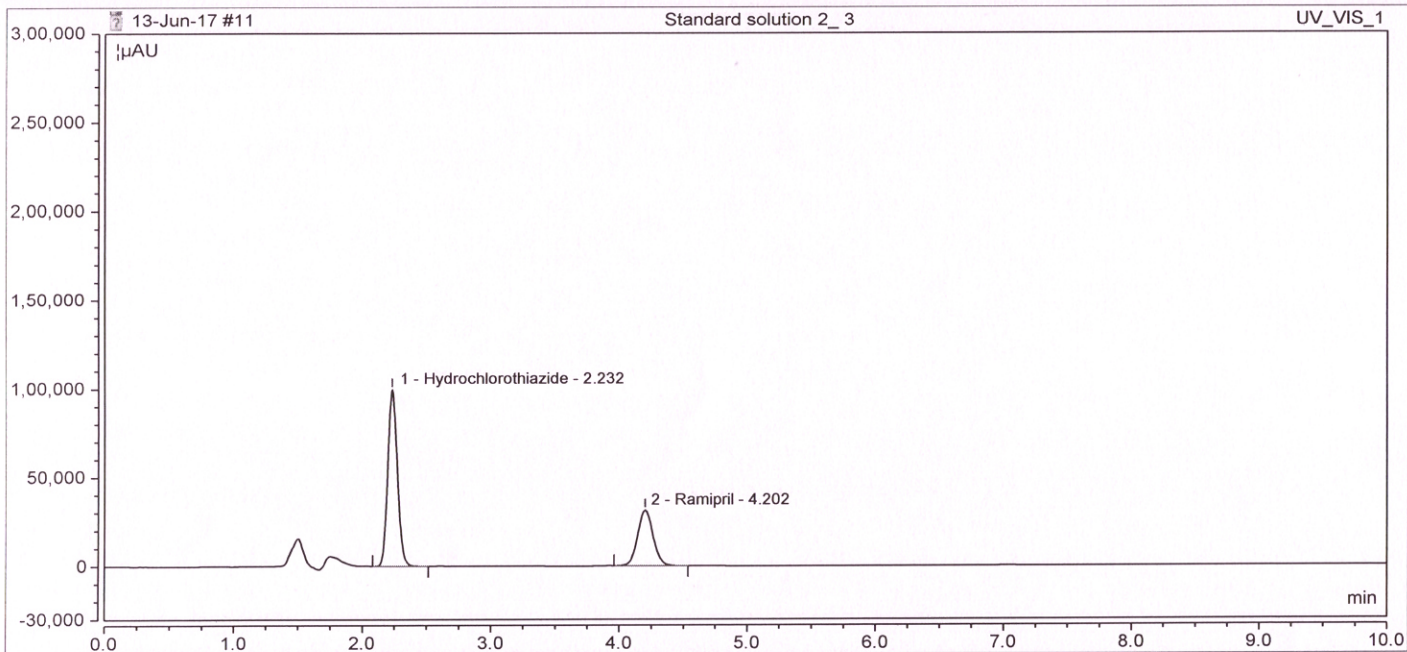
Pankaj
14-Jun-17Pankaj
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 2_3	Run Time (min):	10.00
Vial Number:	2_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 21:41	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.232	8706.480	66.66	1.16	4197	167.1
2	Ramipril	4.202	4354.267	33.34	1.08	5853	271.8
Total:							

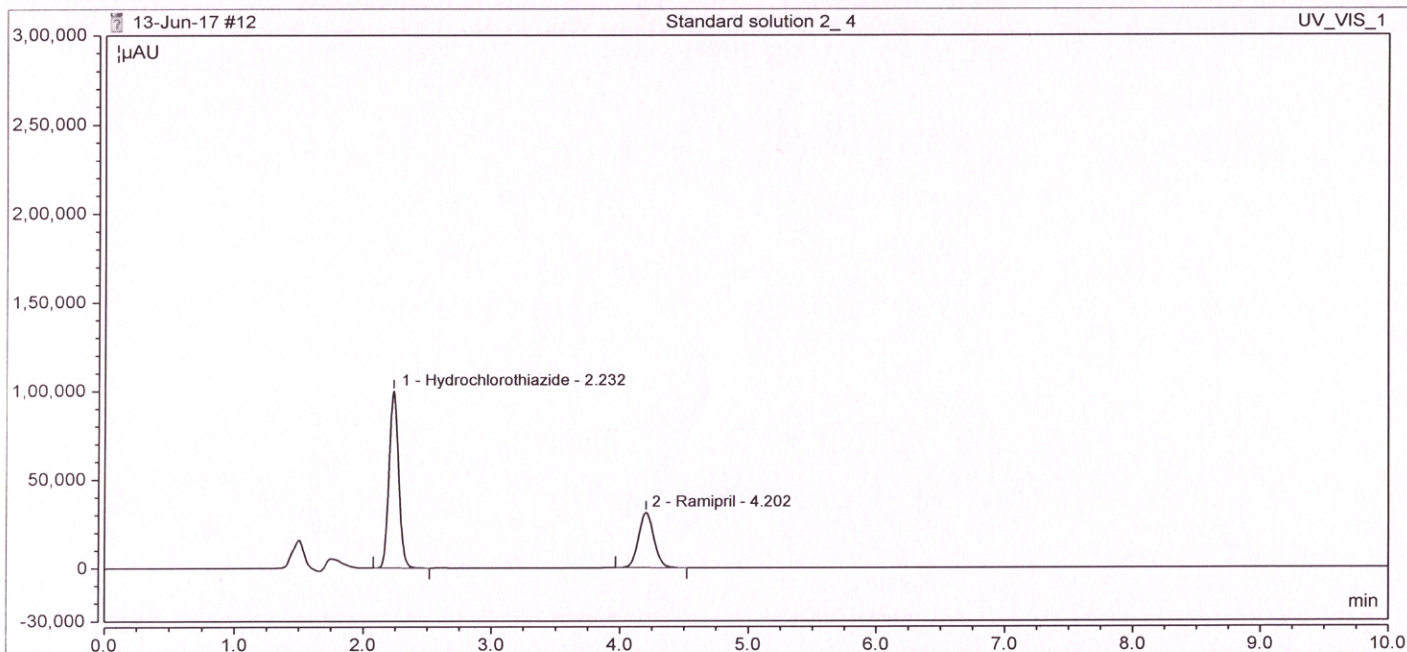
Pankaj
14-Jun-17Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 2_4	Run Time (min):	10.00
Vial Number:	2_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 21:53	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.232	8713.060	66.68	1.15	4220	171.5
2	Ramipril	4.202	4353.363	33.32	1.08	5874	275.2
Total:							

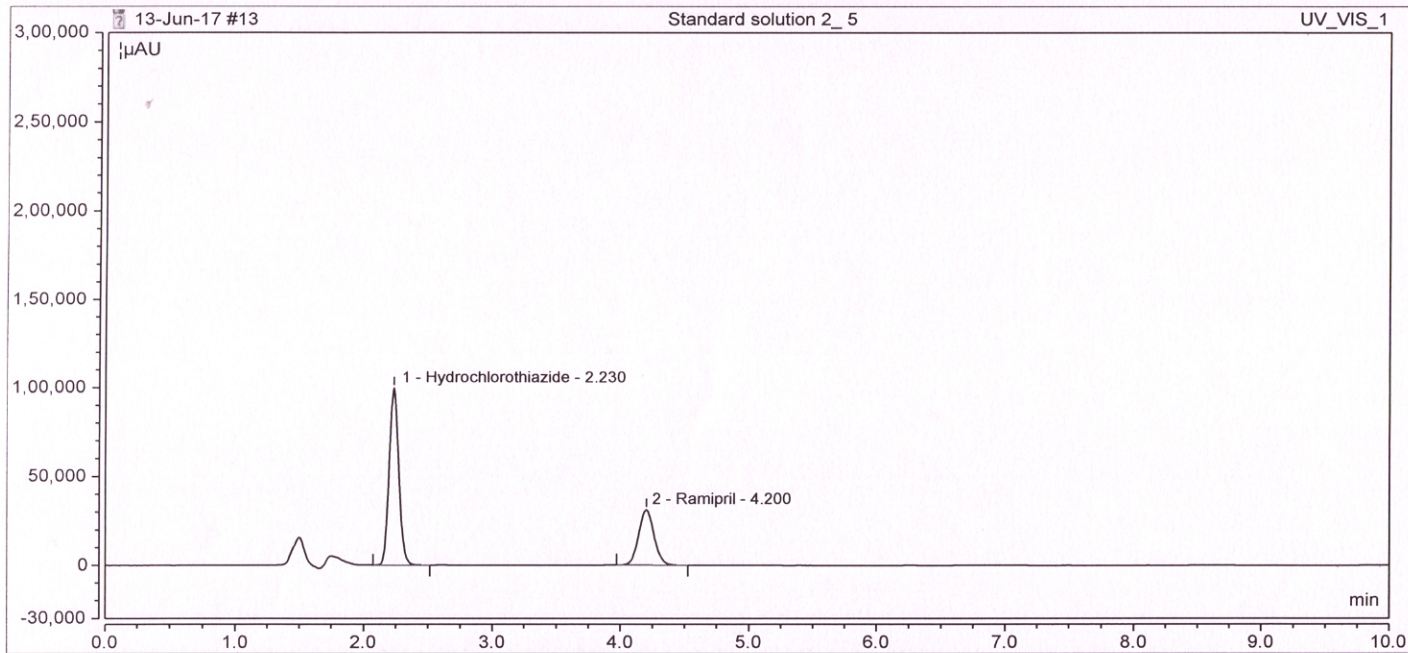
Pankaj
14-Jun-17Pankaj
14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard solution 2_5	Run Time (min):	10.00
Vial Number:	2_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 22:04	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.230	8708.535	66.70	1.15	4209	184.2
2	Ramipril	4.200	4347.255	33.30	1.07	5873	277.2
Total:							

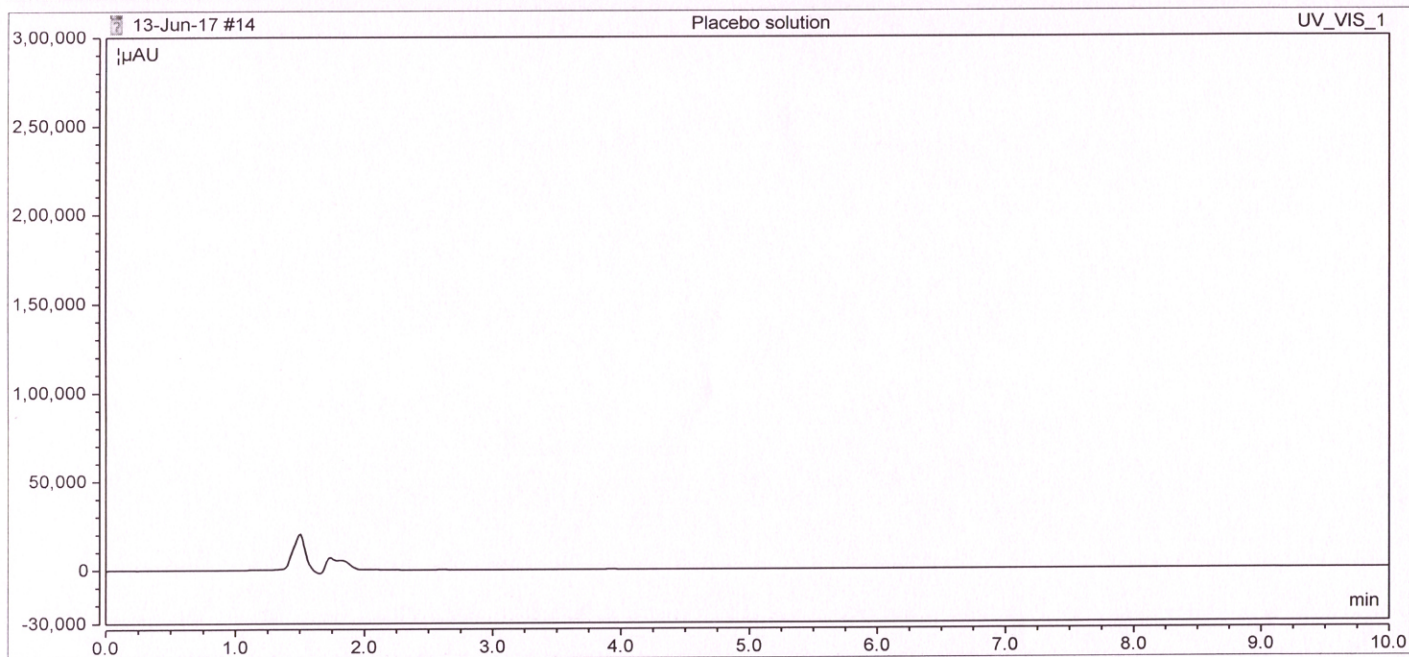
B. Gurav
14-Jun-17B. Gurav
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Placebo solution	Run Time (min):	10.00
Vial Number:	2_4	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 22:15	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
Total:							

13 min
14-Jun-17

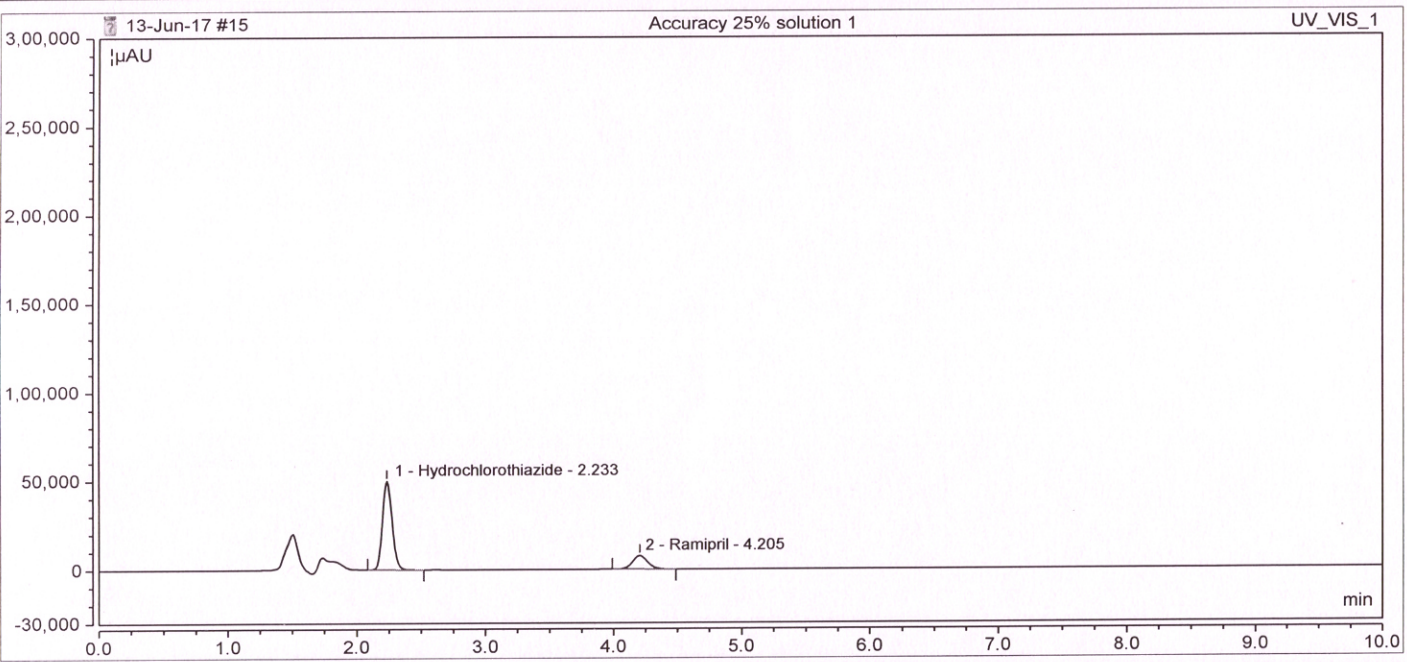
13 min
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 25% solution 1	Run Time (min):	10.00
Vial Number:	2_5	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 22:26	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.233	4312.542	80.48	1.13	4282	44.9
2	Ramipril	4.205	1046.315	19.52	1.07	6004	62.2
Total:							

Pankaj Gurav
14-Jun-17

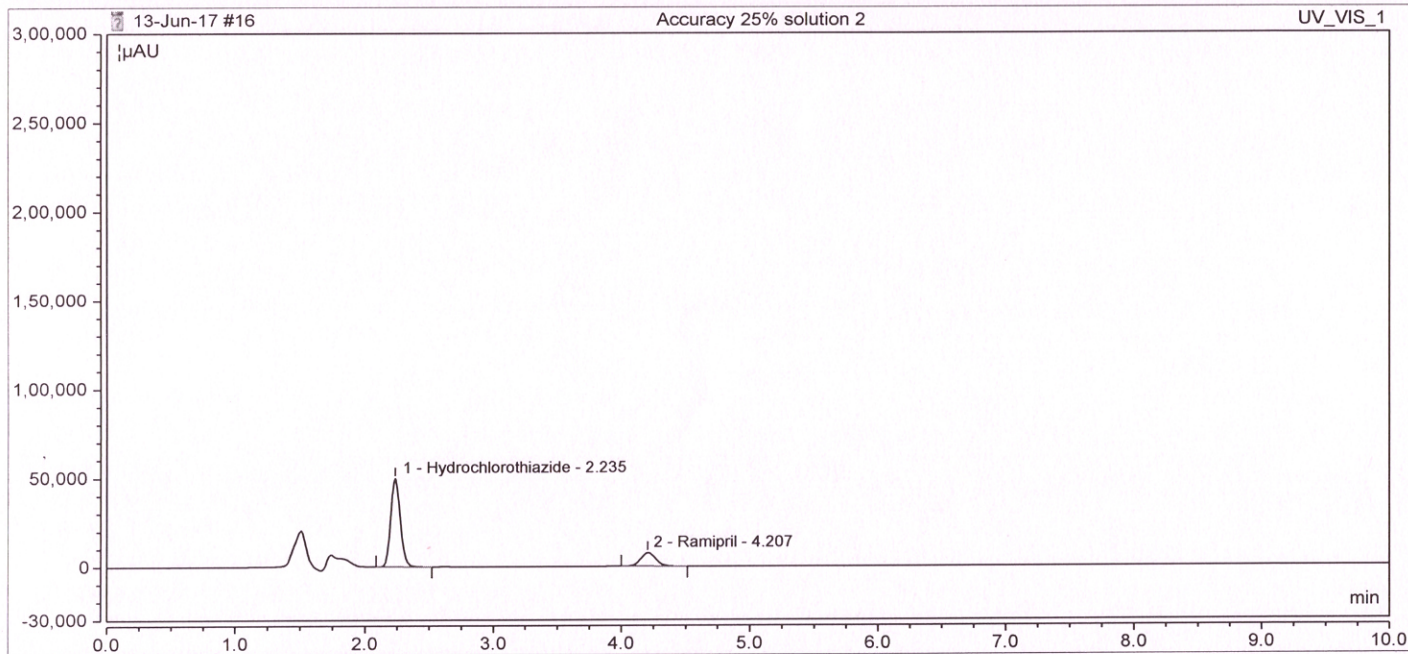
Pankaj Gurav
12-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 25% solution 2	Run Time (min):	10.00
Vial Number:	2_6	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 22:38	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.235	4311.647	80.57	1.15	4294	48.3
2	Ramipril	4.207	1039.863	19.43	1.08	6041	60.1
Total:							

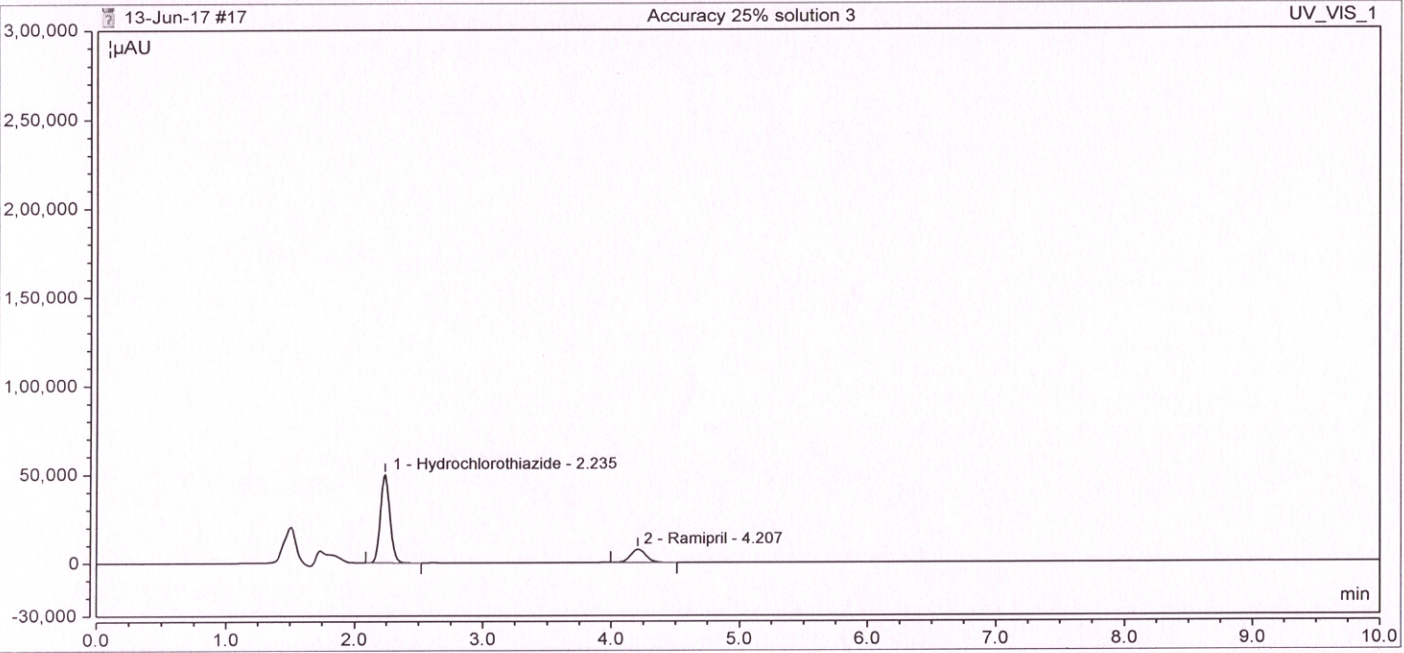
Pankaj
14-Jun-17Pankaj
14-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 25% solution 3	Run Time (min):	10.00
Vial Number:	2_7	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 22:49	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.235	4311.853	80.71	1.13	4312	50.5
2	Ramipril	4.207	1030.405	19.29	1.07	6064	60.2
Total:							

[Signature]
14-Jun-17

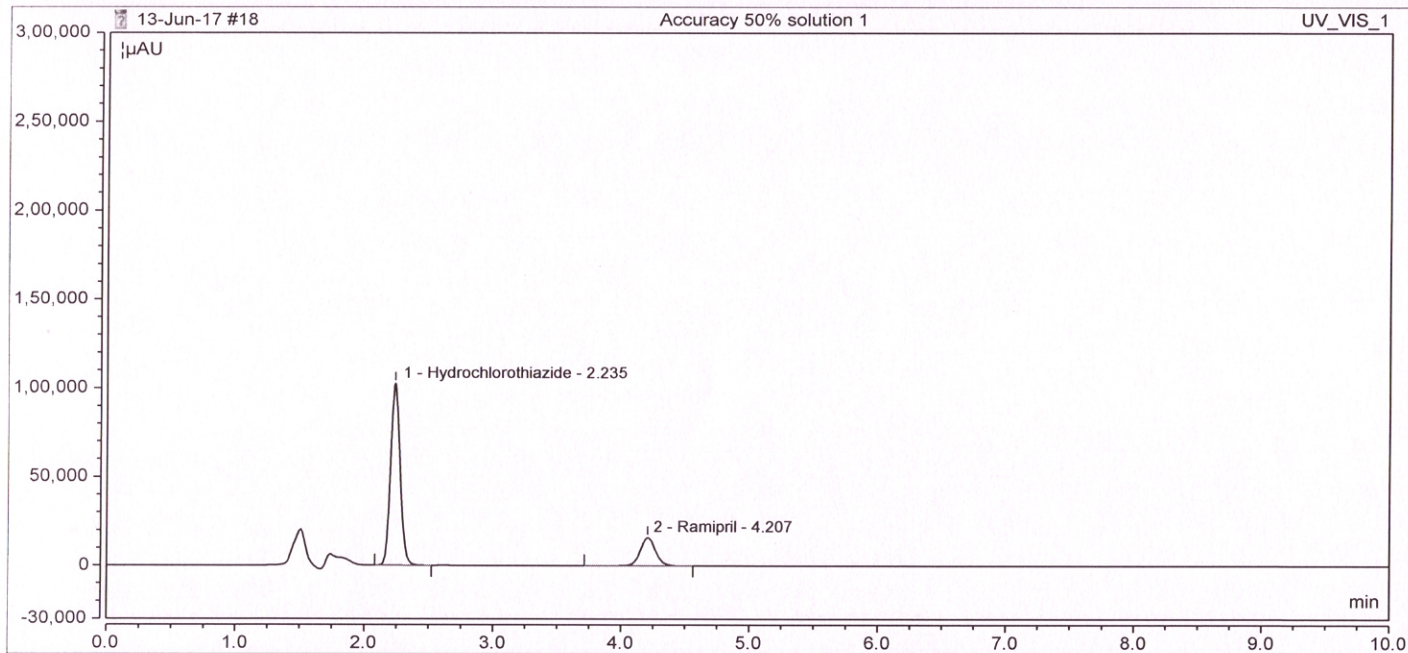
[Signature]
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 50% solution 1	Run Time (min):	10.00
Vial Number:	2_8	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 23:00	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.235	8853.362	79.84	1.13	4329	110.4
2	Ramipril	4.207	2235.645	20.16	1.06	5982	103.7
Total:							

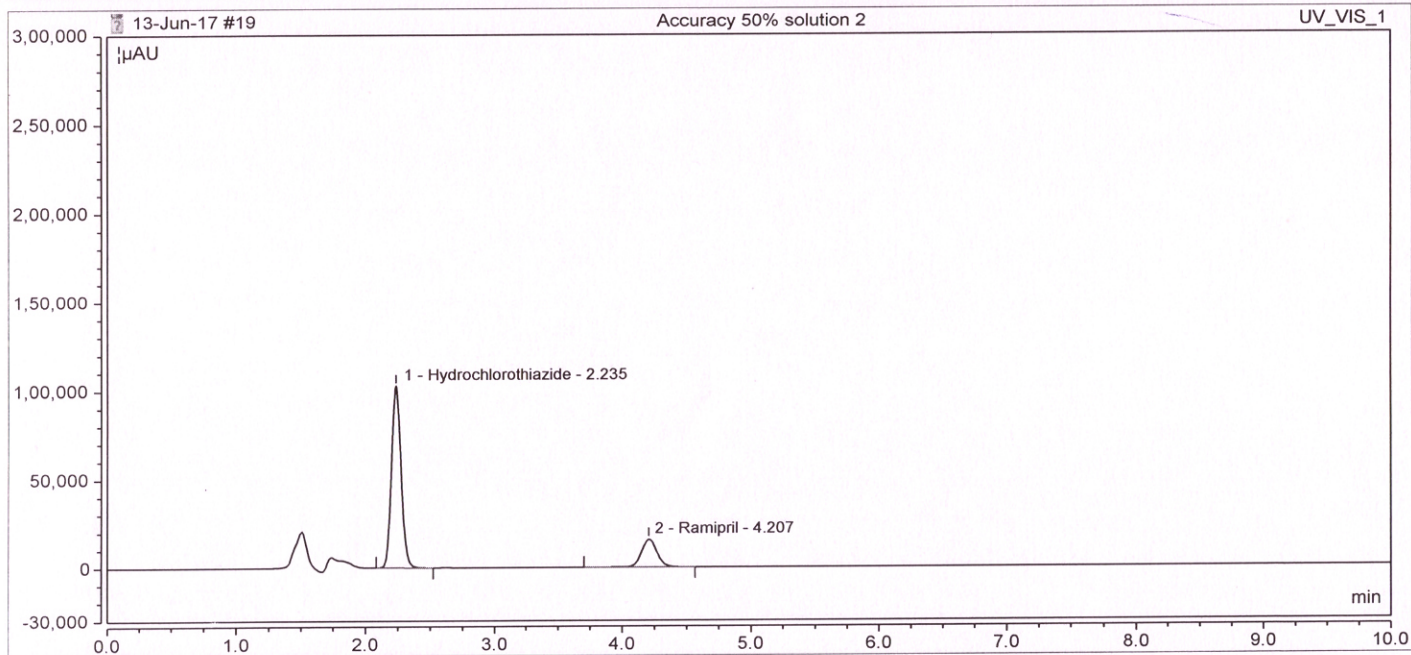
Pankaj
14-Jun-17Pankaj
14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 50% solution 2	Run Time (min):	10.00
Vial Number:	2_9	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 23:12	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.235	8854.541	79.82	1.14	4349	114.7
2	Ramipril	4.207	2238.134	20.18	1.07	5998	125.4
Total:							

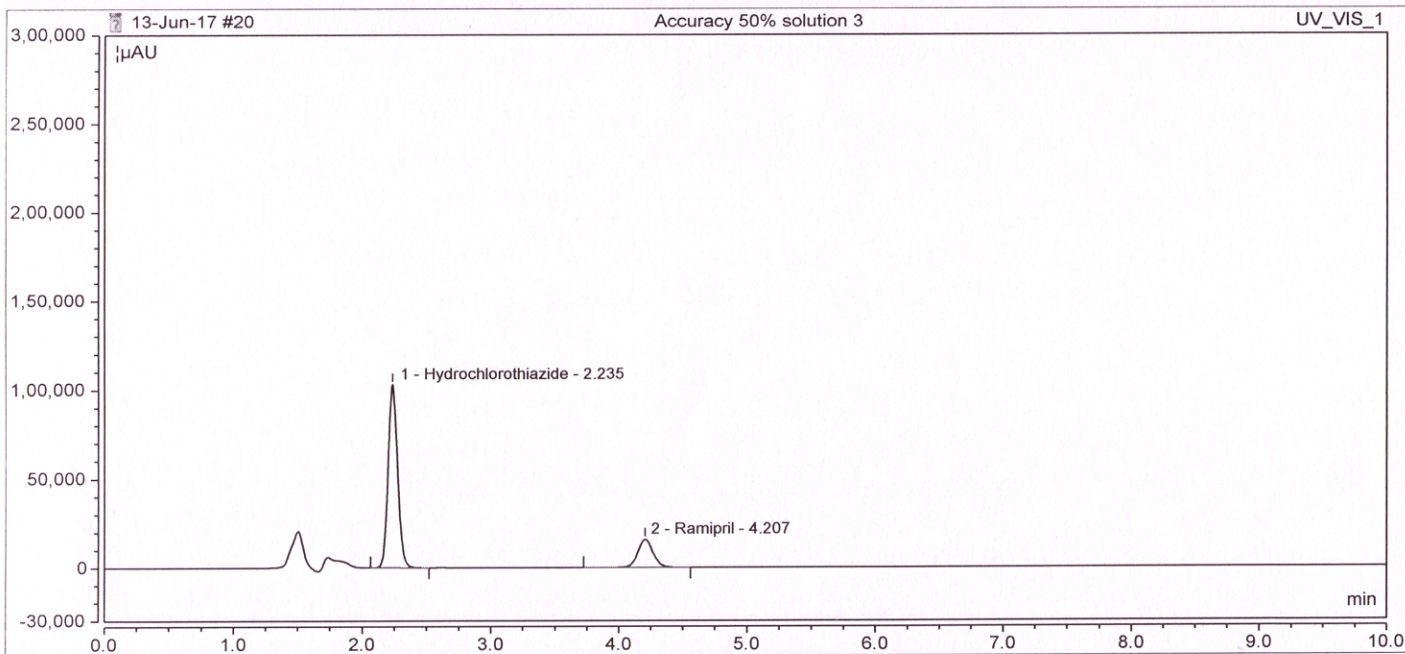
Pankaj
14-Jun-17Pankaj
22-Jan-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 50% solution 3	Run Time (min):	10.00
Vial Number:	2_10	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 23:23	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.235	8850.059	79.87	1.13	4362	126.9
2	Ramipril	4.207	2229.837	20.13	1.06	6007	123.7
Total:							

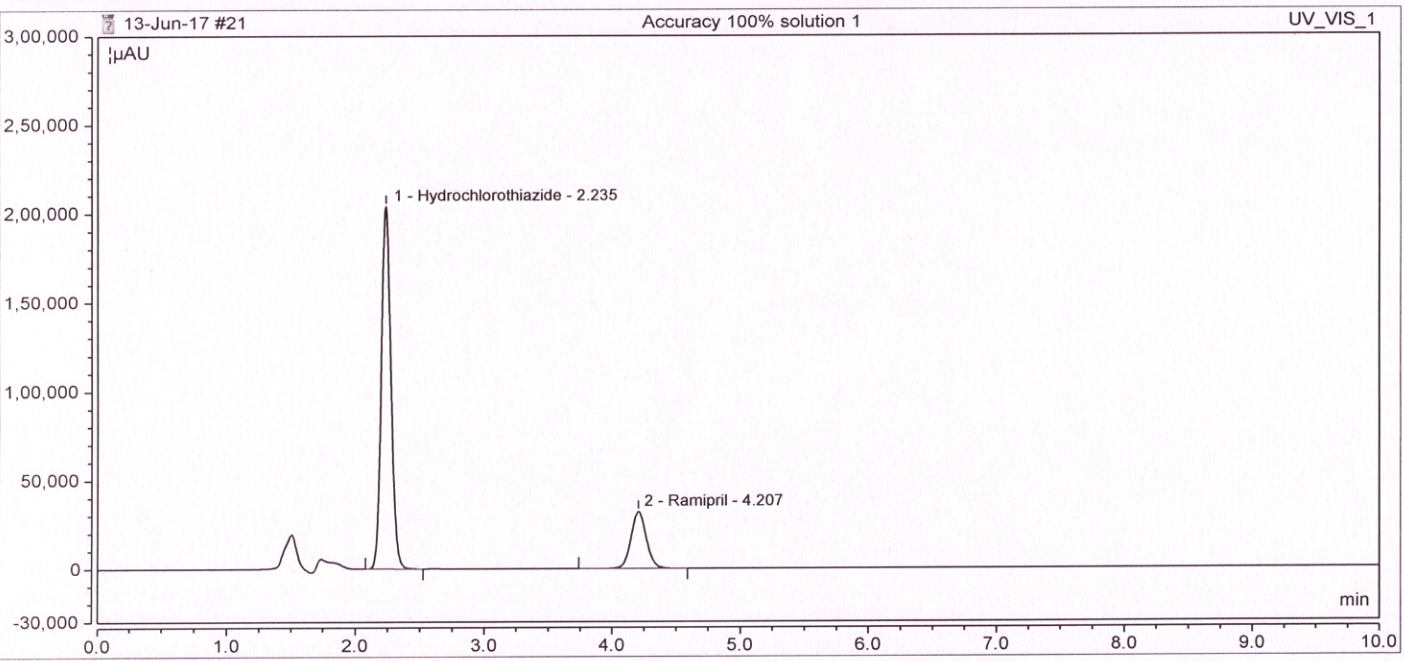
Pankaj
14-Jun-17Rijai
20-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 100% solution 1	Run Time (min):	10.00
Vial Number:	2_11	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 23:34	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



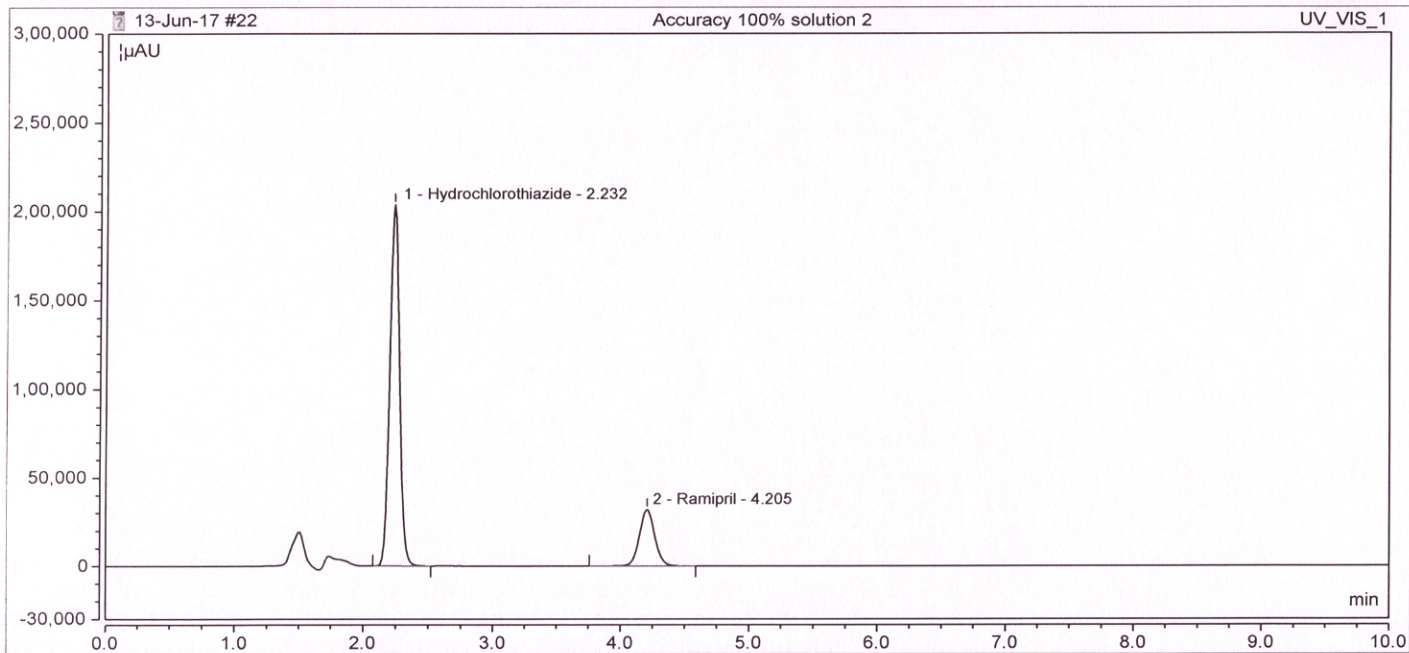
No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.235	17595.550	79.72	1.13	4335	255.1
2	Ramipril	4.207	4477.165	20.28	1.07	6007	268.8
Total:							

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 100% solution 2	Run Time (min):	10.00
Vial Number:	2_12	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 23:45	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	$\mu\text{AU} \cdot \text{min}$	%			
1	Hydrochlorothiazide	2.232	17547.427	79.75	1.15	4338	264.3
2	Ramipril	4.205	4456.113	20.25	1.07	6009	224.8
Total:							

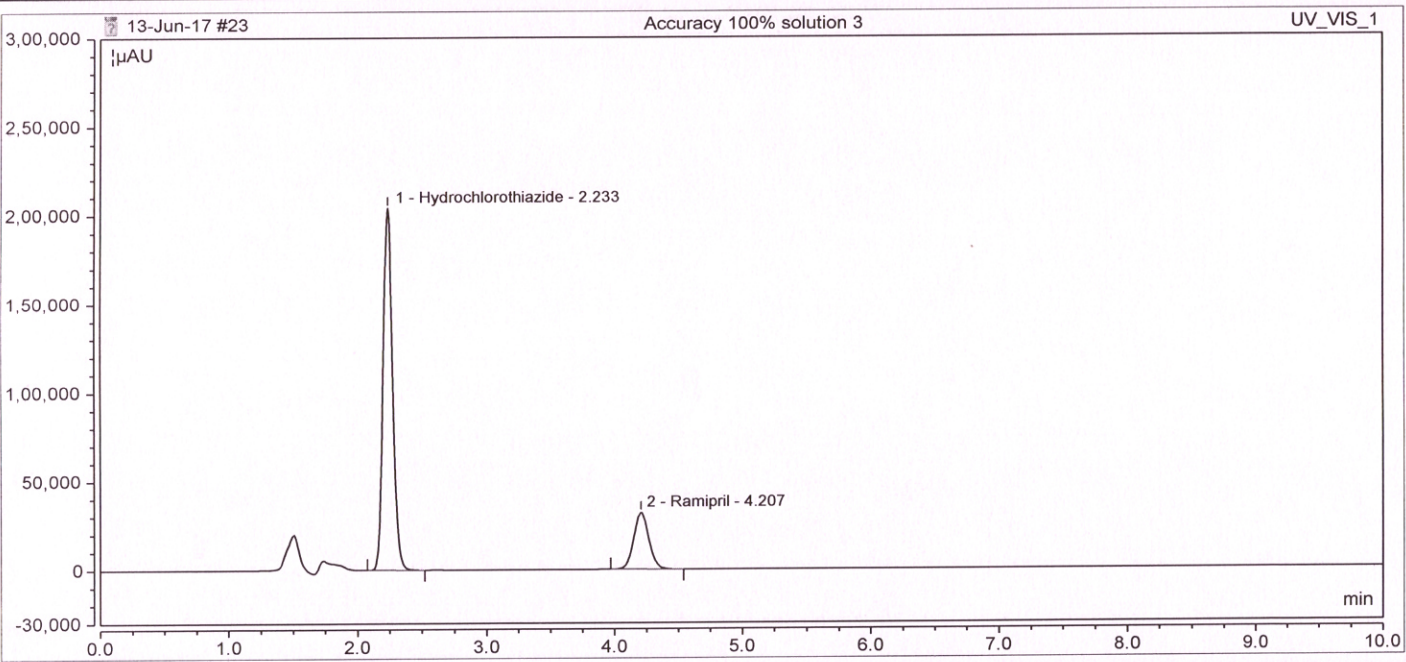
Bma
14-Jun-17Pankaj
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 100% solution 3	Run Time (min):	10.00
Vial Number:	2_13	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	13-Jun-17 23:57	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.233	17569.828	79.99	1.15	4347	276.6
2	Ramipril	4.207	4394.682	20.01	1.07	6057	238.5
Total:							

Bhuvan
14-Jun-17

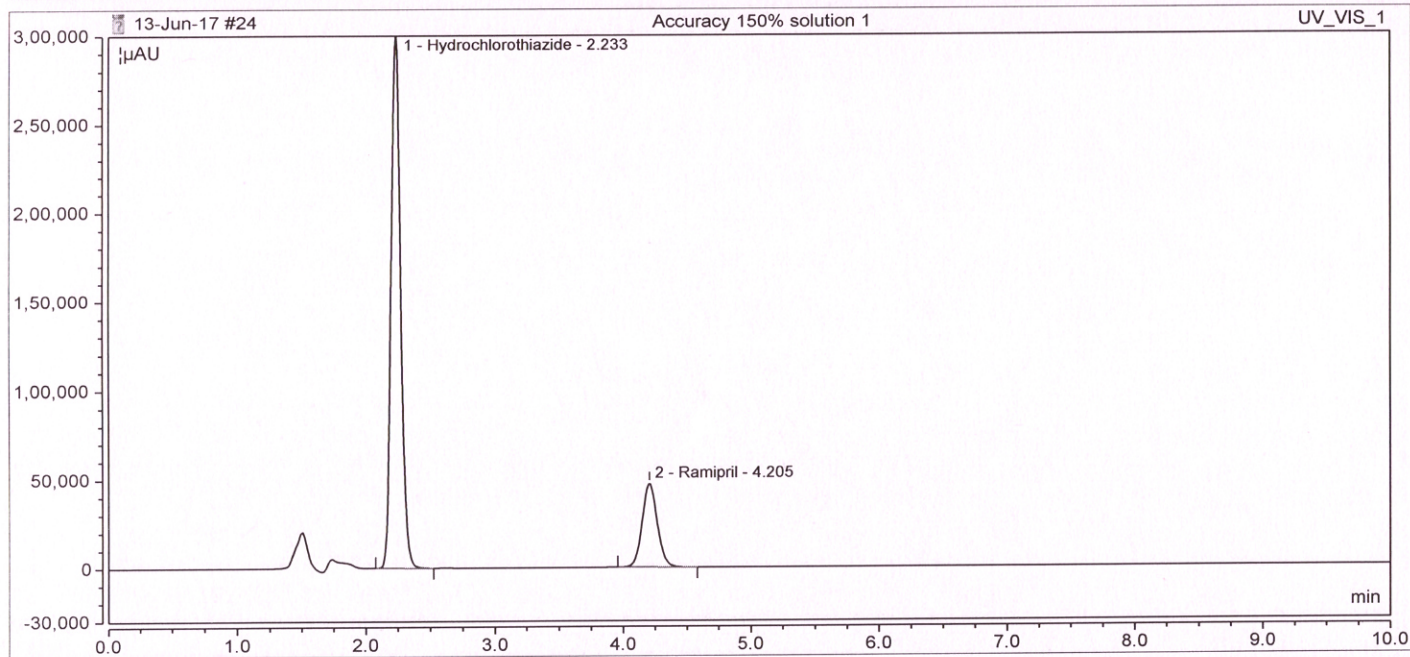
Pankaj
14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 150% solution 1	Run Time (min):	10.00
Vial Number:	2_14	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 00:08	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.233	25971.796	79.97	1.14	4329	423.2
2	Ramipril	4.205	6506.724	20.03	1.08	6045	344.6
Total:							

Pankaj Gurav
14-Jun-17

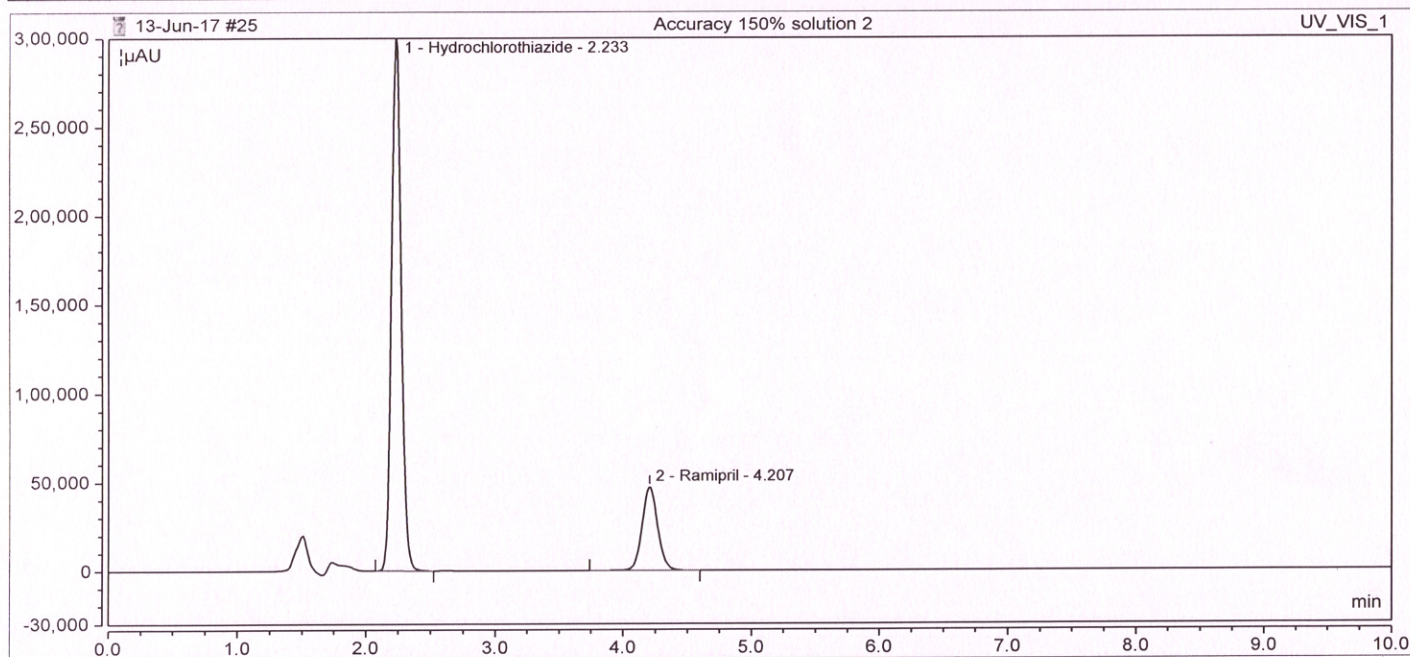
Pankaj Gurav
12-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 150% solution 2	Run Time (min):	10.00
Vial Number:	2_15	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 00:19	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	$\mu\text{AU} \cdot \text{min}$	%			
1	Hydrochlorothiazide	2.233	25966.558	79.80	1.14	4330	441.5
2	Ramipril	4.207	6571.839	20.20	1.07	6020	396.8
Total:							

Pankaj
14-Jun-17

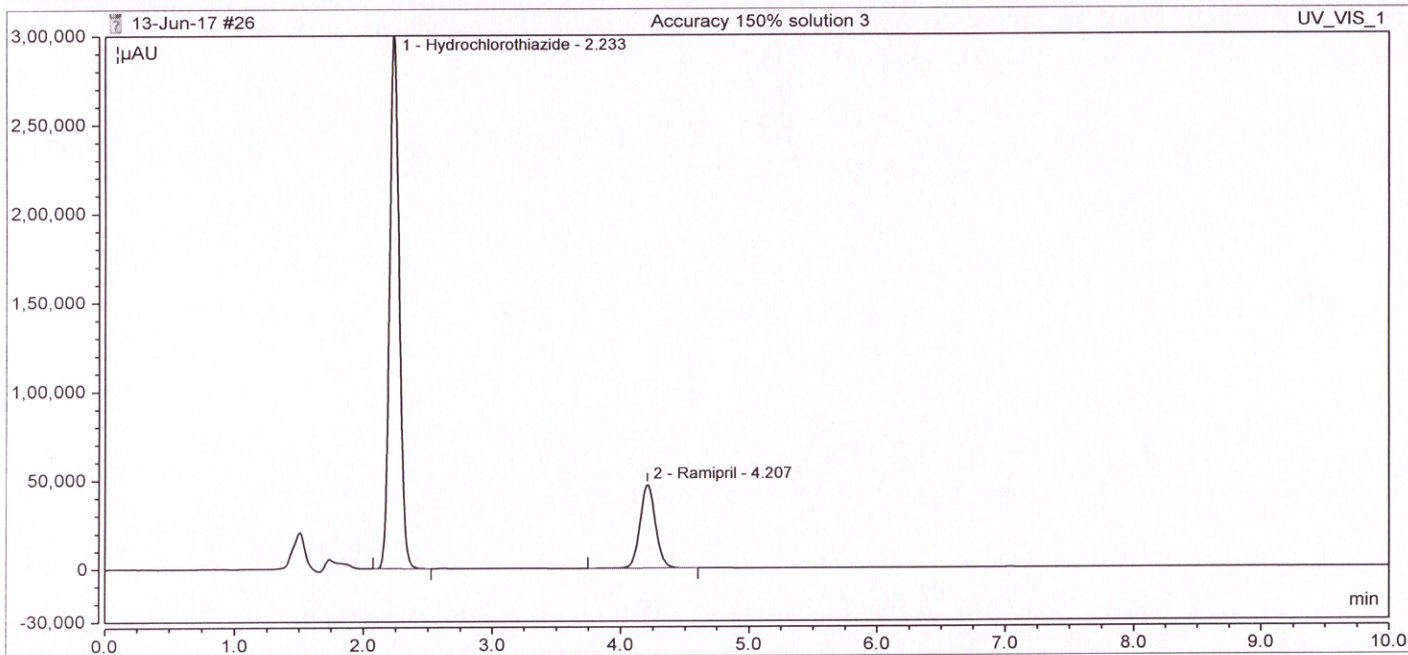
Pankaj
14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 150% solution 3	Run Time (min):	10.00
Vial Number:	2_16	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 00:30	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.233	25930.706	79.81	1.16	4363	432.6
2	Ramipril	4.207	6560.354	20.19	1.08	6047	396.7
Total:							

Pankaj
14-Jun-17

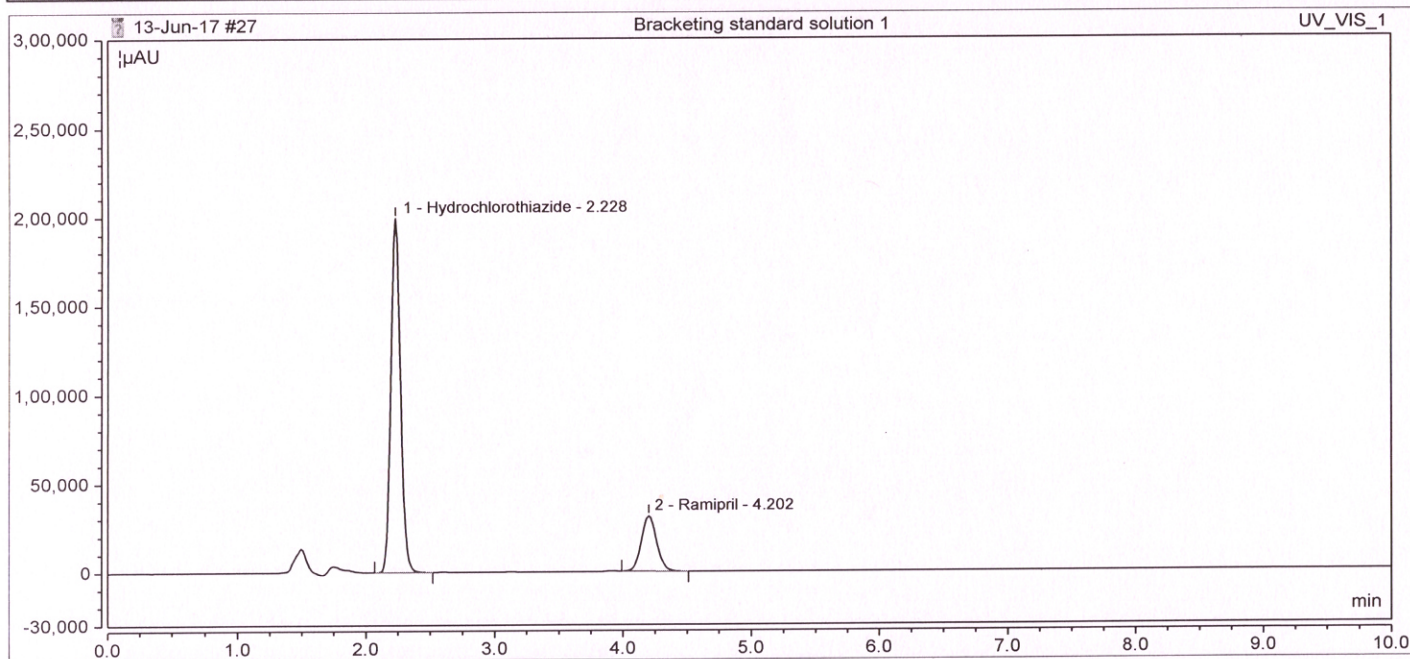
Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Bracketing standard solution 1	Run Time (min):	10.00
Vial Number:	2_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 00:42	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.228	17337.559	80.05	1.16	4247	544.4
2	Ramipril	4.202	4321.409	19.95	1.07	5931	140.5
Total:							

Pankaj
 14-Jun-17

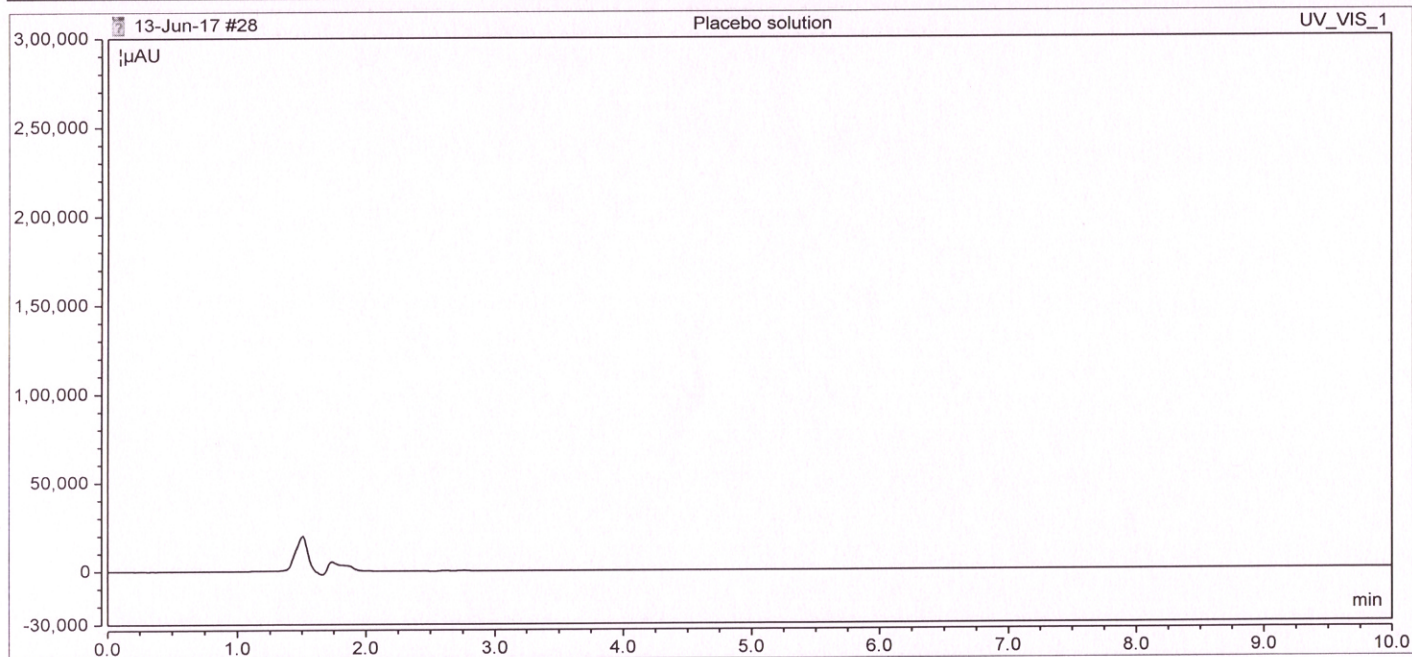
Pankaj
 14-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Placebo solution	Run Time (min):	10.00
Vial Number:	2_17	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 00:53	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
Total:							

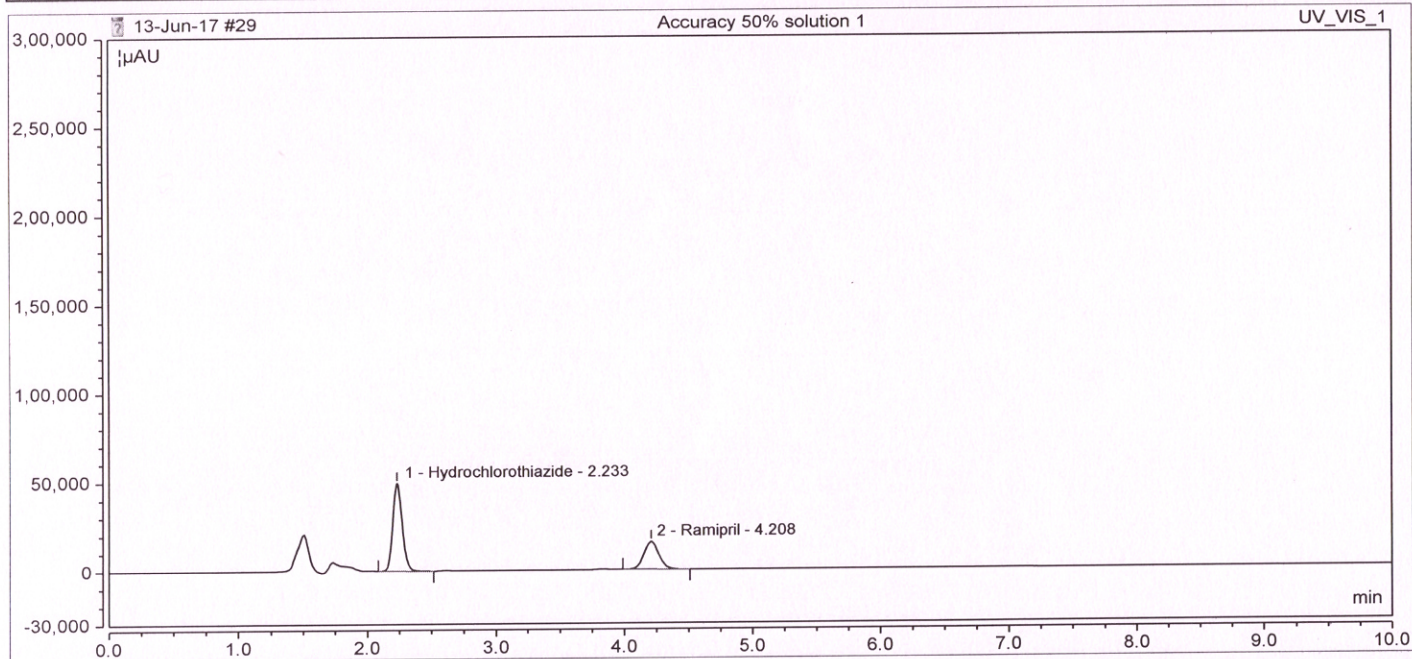
Pankaj
14-Jun-17Pankaj
14-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 50% solution 1	Run Time (min):	10.00
Vial Number:	2_18	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 01:04	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time min	Area AU*min	Rel.Area %	Asymmetry (EP)	Plates (USP)	S/N
1	Hydrochlorothiazide	2.233	4212.510	66.22	1.15	4426	73.2
2	Ramipril	4.208	2148.699	33.78	1.07	6132	82.0
Total:							

Pankaj
14-Jun-17

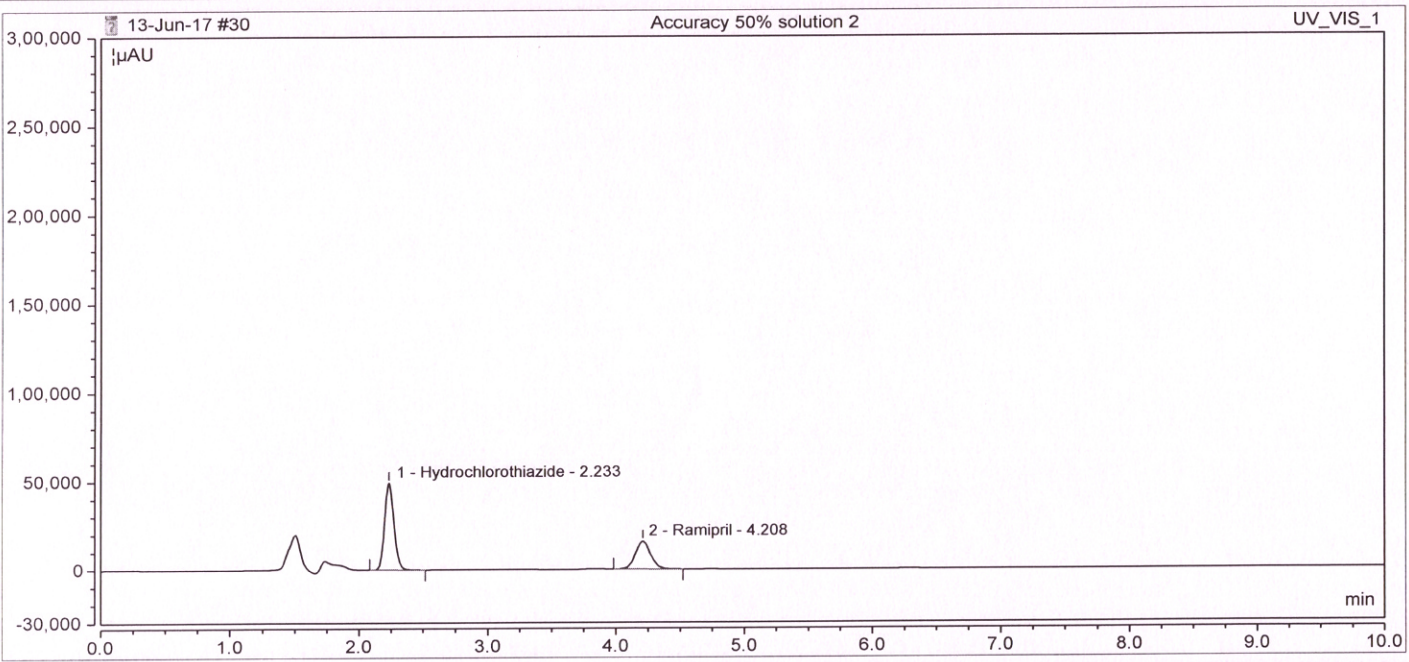
Pankaj
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 50% solution 2	Run Time (min):	10.00
Vial Number:	2_19	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 01:16	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.233	4212.513	66.15	1.14	4432	71.4
2	Ramipril	4.208	2155.278	33.85	1.07	6129	82.0
Total:							

14-Jun-17

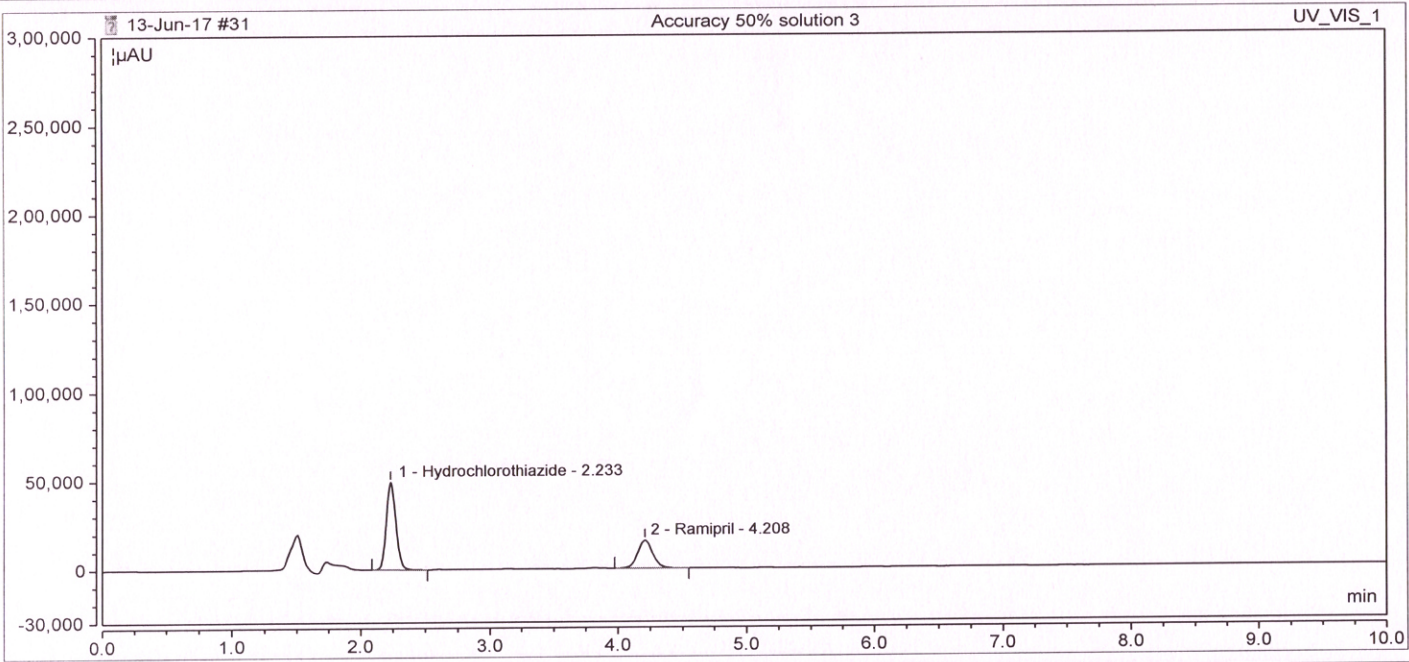
26-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 50% solution 3	Run Time (min):	10.00
Vial Number:	2_20	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 01:27	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.233	4209.564	66.14	1.15	4425	75.8
2	Ramipril	4.208	2154.722	33.86	1.07	6116	73.0
Total:							

Pankaj
14-Jun-17

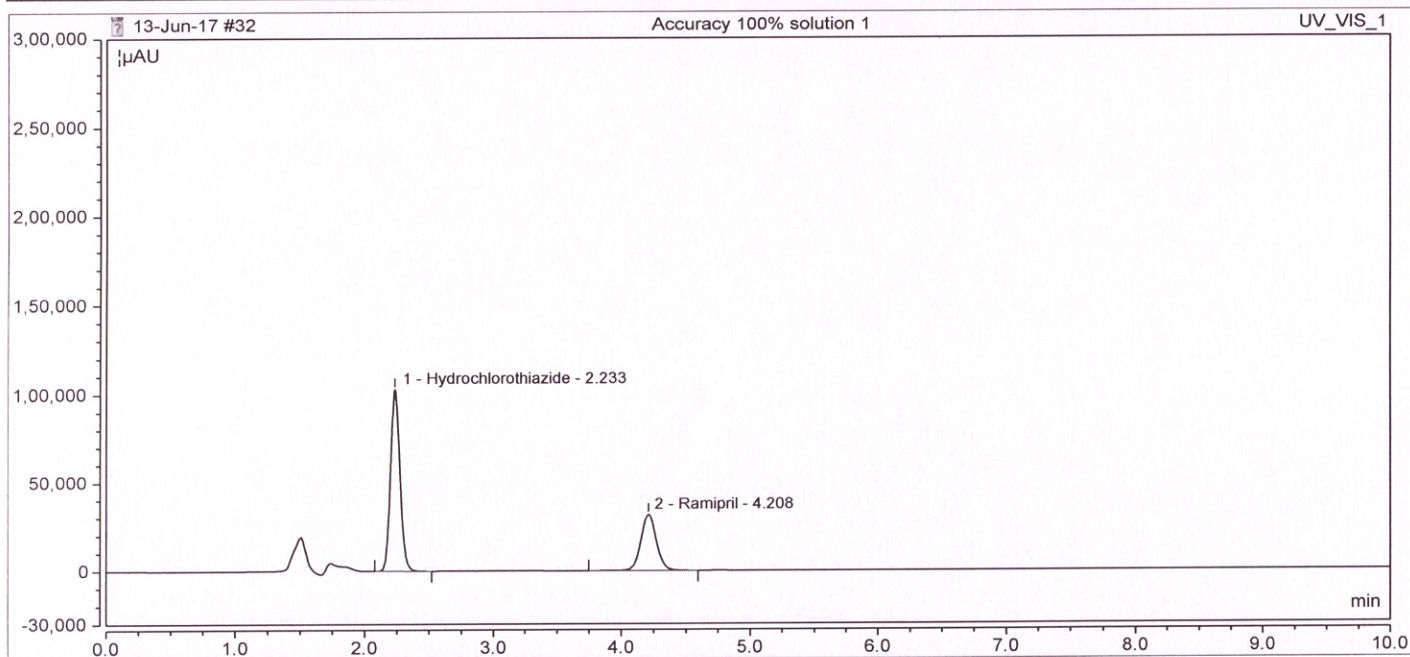
Pankaj
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 100% solution 1	Run Time (min):	10.00
Vial Number:	2_21	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 01:38	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



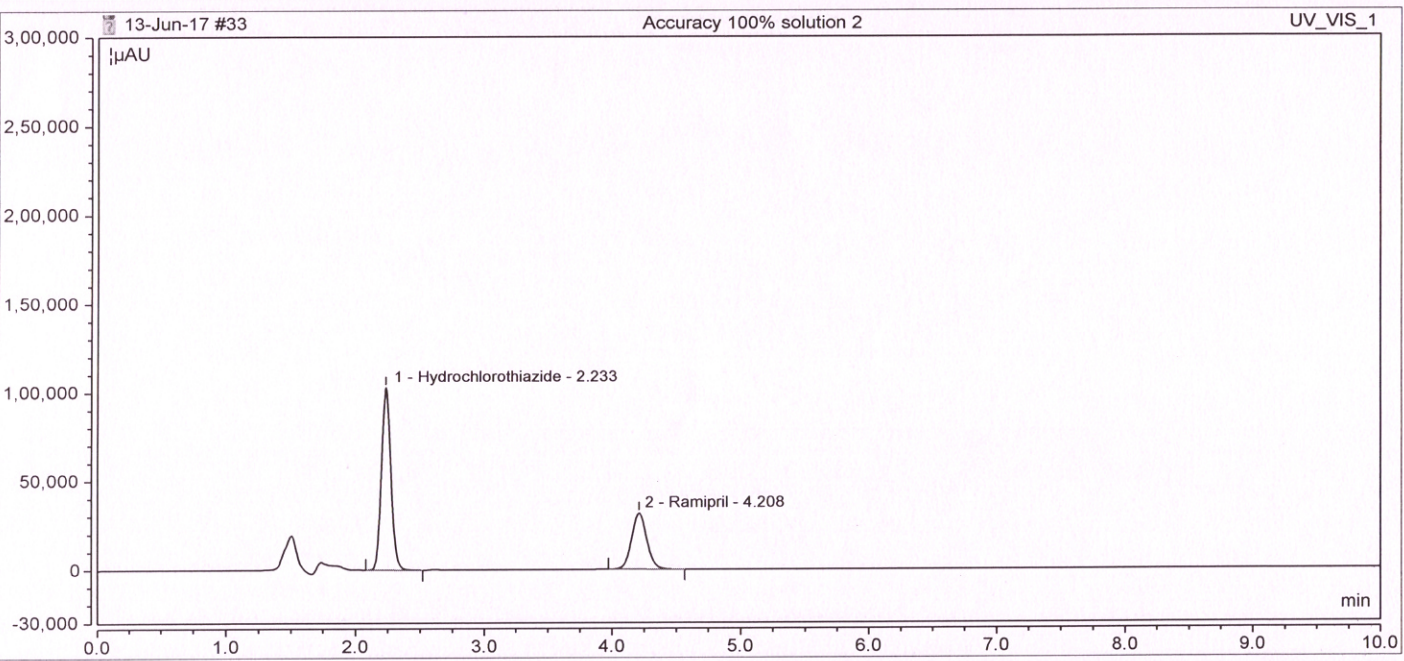
No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	$\mu\text{AU} \cdot \text{min}$	%			
1	Hydrochlorothiazide	2.233	8787.277	66.67	1.15	4430	171.8
2	Ramipril	4.208	4393.667	33.33	1.07	6081	190.7
Total:							

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 100% solution 2	Run Time (min):	10.00
Vial Number:	2_22	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 01:49	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.233	8784.564	66.93	1.15	4428	172.0
2	Ramipril	4.208	4339.654	33.07	1.08	6113	219.0
Total:							

Pankaj Gurav
14-Jun-17

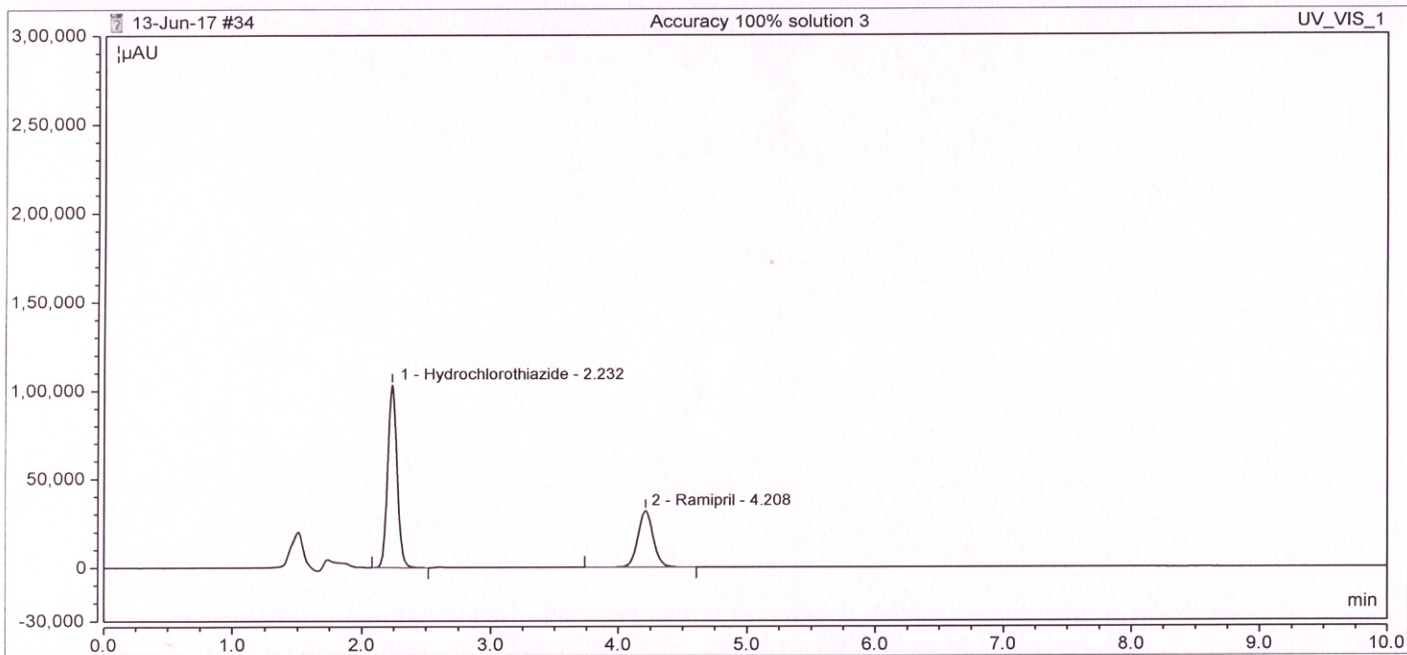
Pankaj Gurav
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 100% solution 3	Run Time (min):	10.00
Vial Number:	2_23	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 02:01	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.232	8798.959	66.63	1.16	4439	172.0
2	Ramipril	4.208	4407.523	33.37	1.06	6102	225.3
Total:							

Brown
14-Jun-17

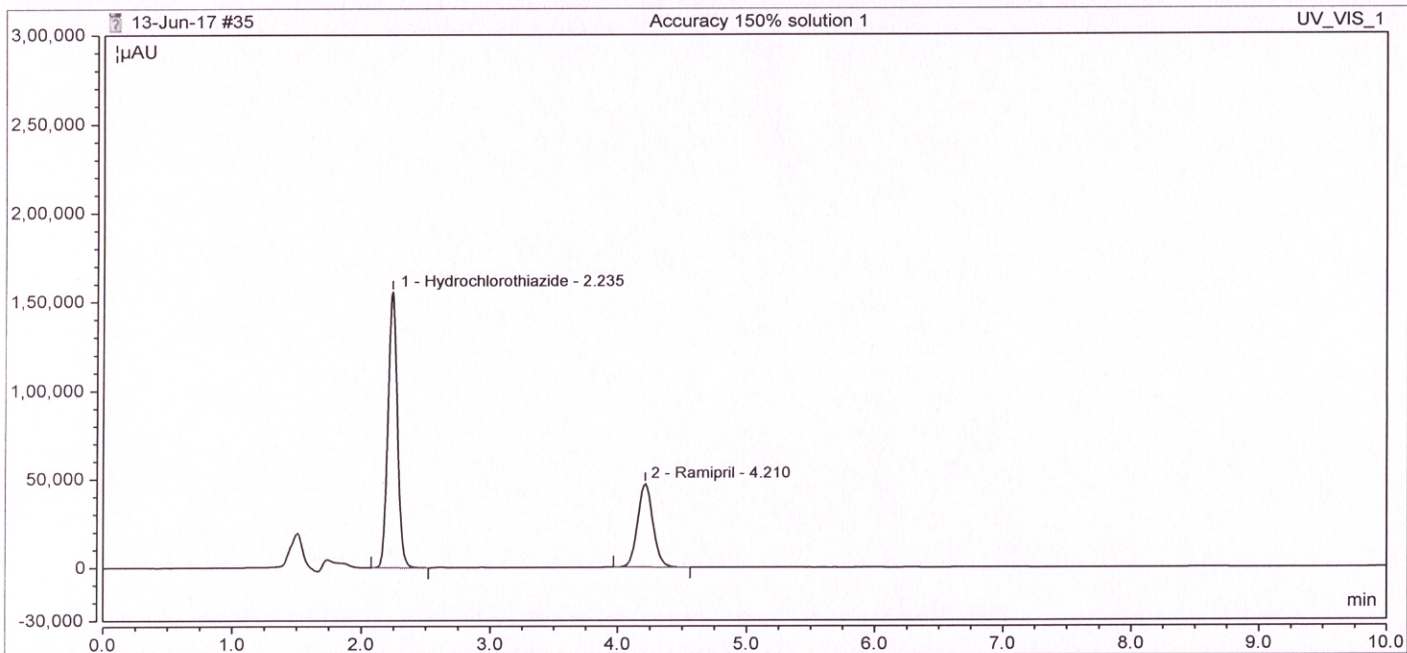
Pankaj
14-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 150% solution 1	Run Time (min):	10.00
Vial Number:	2_24	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 02:12	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.235	13273.398	67.24	1.14	4446	272.0
2	Ramipril	4.210	6466.588	32.76	1.07	6129	277.7
Total:							

Pankaj
14-Jun-17

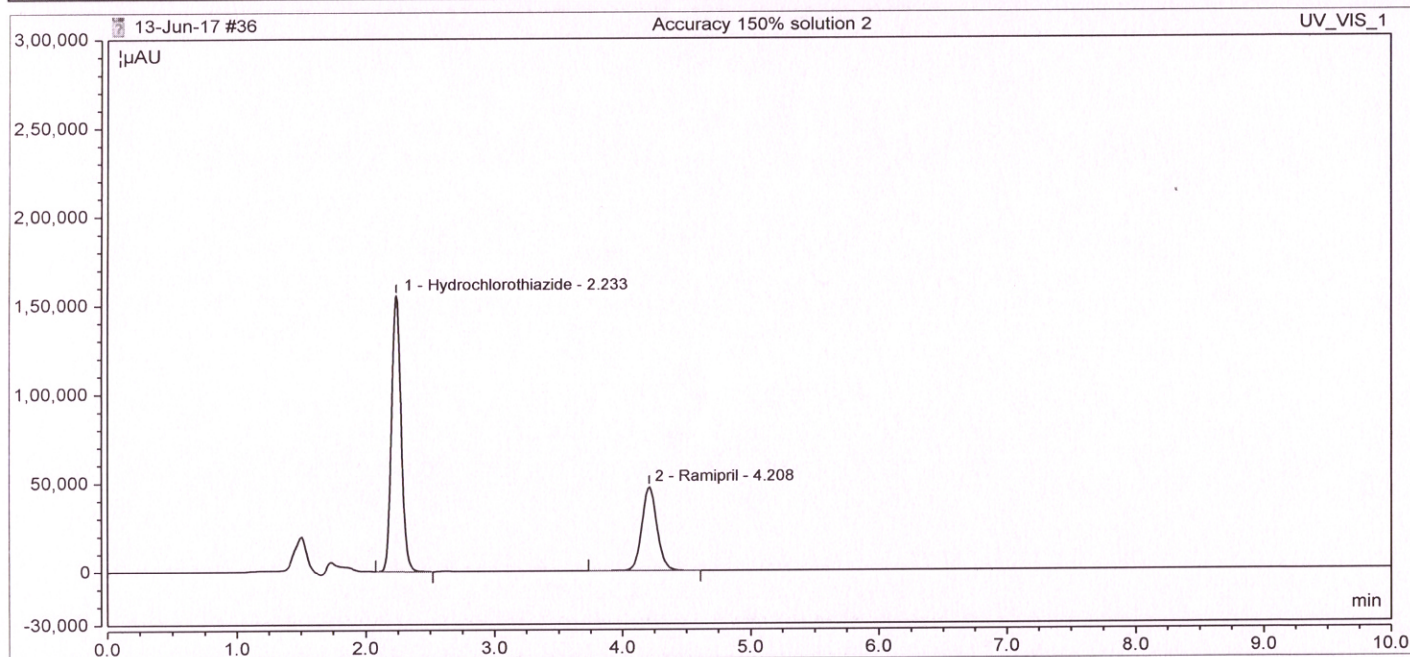
Pankaj
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 150% solution 2	Run Time (min):	10.00
Vial Number:	2_25	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 02:23	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.233	13266.470	66.99	1.15	4436	256.0
2	Ramipril	4.208	6538.149	33.01	1.08	6105	319.9
Total:							

Pankaj
14-Jun-17

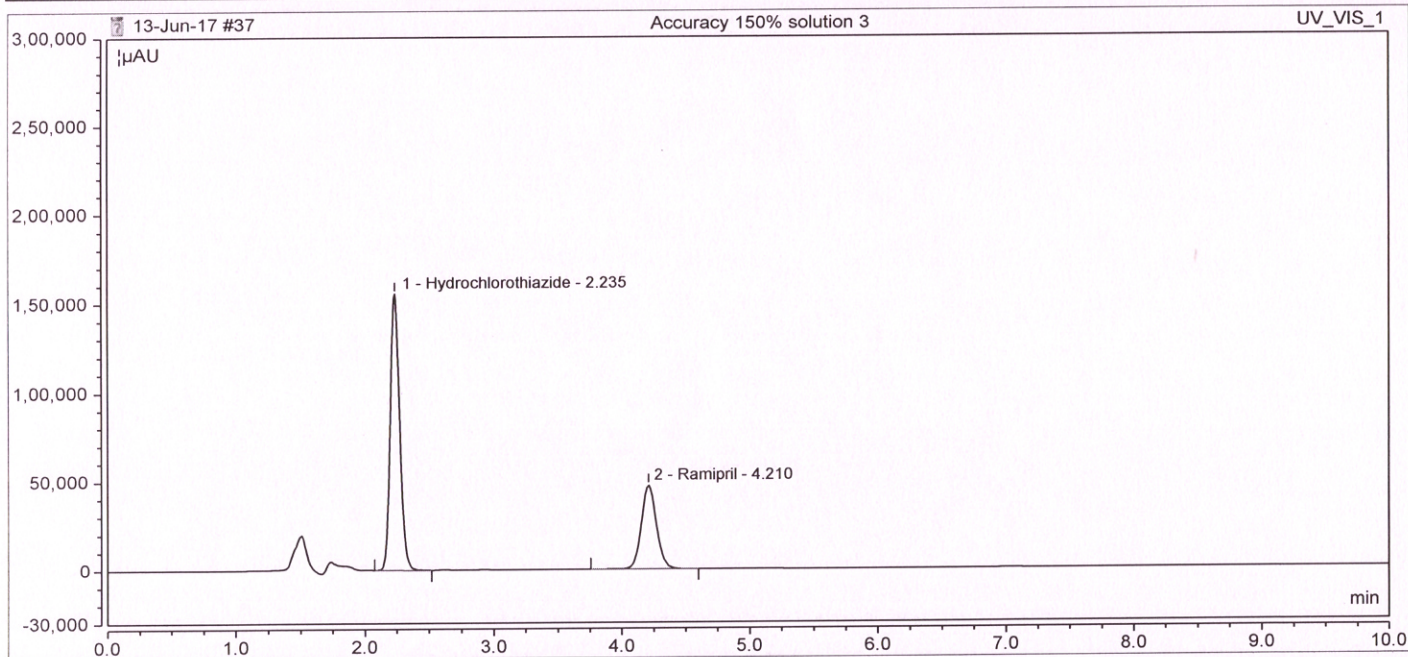
Pankaj
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Accuracy 150% solution 3	Run Time (min):	10.00
Vial Number:	2_26	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_01	Bandwidth:	n.a.
Processing Method:	PR Method_2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 02:35	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	μAU*min	%			
1	Hydrochlorothiazide	2.235	13253.804	66.99	1.14	4457	273.4
2	Ramipril	4.210	6530.345	33.01	1.08	6119	303.0
Total:							

Pankaj
14 Jun-17

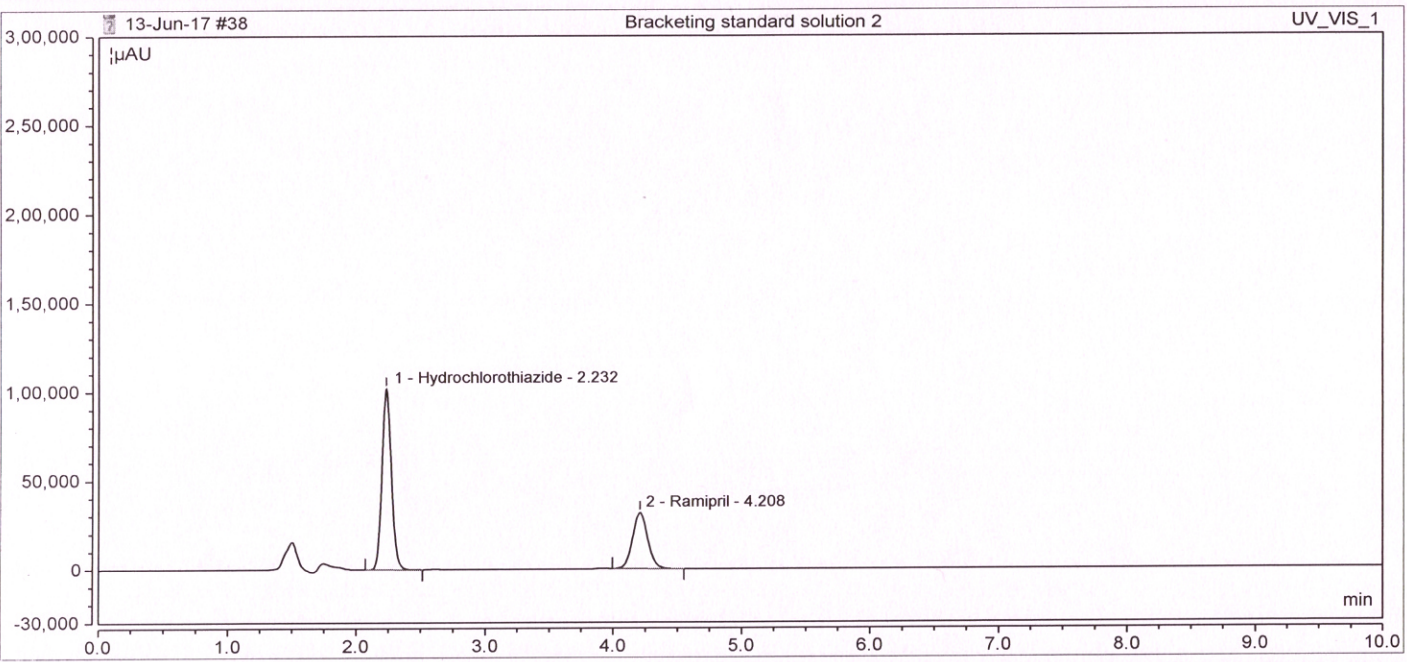
Pankaj
22-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Bracketing standard solution 2	Run Time (min):	10.00
Vial Number:	2_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Dissolution HPLC-42_ 01	Bandwidth:	n.a.
Processing Method:	PR Method_ 2	Dilution Factor:	1.0000
Injection Date/Time:	14-Jun-17 02:46	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



No.	Peak Name	Retention Time	Area	Rel.Area	Asymmetry (EP)	Plates (USP)	S/N
		min	µAU*min	%			
1	Hydrochlorothiazide	2.232	8717.239	66.85	1.16	4418	270.8
2	Ramipril	4.208	4323.250	33.15	1.07	6086	134.5
Total:							

Pankaj
14-Jun-17

Pankaj
22-Jun-17

V_VIS	Name	Position	Volume [uL]	Instrument Method	Processing Method	Status	Comment	Inject Time
1	Pre std 1	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Finishe	Accuracy	13-Jun-17 18:24 +05:30
1	Pre std 2	2_3	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Finishe	Accuracy	13-Jun-17 18:35 +05:30
None	Blank solution	2_1	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Standard solution 1_1	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Standard solution 1_2	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Standard solution 1_3	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Standard solution 1_4	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Standard solution 1_5	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Standard solution 2_1	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Standard solution 2_2	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Standard solution 2_3	2_3	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Standard solution 2_4	2_3	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Standard solution 2_5	2_3	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Placebo solution	2_4	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 25% solution 1	2_5	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 25% solution 2	2_6	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 25% solution 3	2_7	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 50% solution 1	2_8	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 50% solution 2	2_9	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 50% solution 3	2_10	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 100% solution 1	2_11	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 100% solution 2	2_12	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 100% solution 3	2_13	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 150% solution 1	2_14	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 150% solution 2	2_15	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Accuracy 150% solution 3	2_16	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Bracketing standard solution	2_2	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/25 mg	
None	Placebo solution	2_17	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 50% solution 1	2_18	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 50% solution 2	2_19	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 50% solution 3	2_20	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 100% solution 1	2_21	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 100% solution 2	2_22	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 100% solution 3	2_23	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 150% solution 1	2_24	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 150% solution 2	2_25	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	
None	Accuracy 150% solution 3	2_26	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg	

Pankaj Gurav
13-Jun-17

Pankaj Gurav
13-Jun-17

Sequence: 13-Jun-17
Last Update Operator: Pankaj Gurav

None	2	Bracketing standard solution	2_3	10.0	Ramithiazide Dissolution HPLC-42_01	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg
None	2	Wash	2_1	10.0	Wash method _HPLC 42	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg
None	2	Shut	2_1	10.0	Shut method _HPLC 42	PR Method_ Dissolution	Idle	Accuracy_ 10/12.5 mg

Pankaj Gurav
13-Jun-17

Pankaj Gurav
13-Jun-17

Name	Ramithiazide Dissolution HPLC-42_01
Data Vault	QbD_2017
Path	chrom://qbdser03/QbD_2017/Method Validation/Generic Health Care/Ramithiazide Tablets/Dissolution/13-Jun- 17.seq/Ramithiazide Dissolution HPLC-42_01.instmeth
Comment	Ramithiazide Dissolution
Description	
Run time	10.000 [min]
Instrument	QbD-INST-HPLC-42 on qbd-pc-03
Created	30-May-17 14:55 +05:30 Rohini Sonawane
Last Update	13-Jun-17 16:28 +05:30 Santosh Padmere

Pankaj
13-Jun-17

Pankaj
13-Jun-17

Stage	Time min	Command	Value	Comment
Instrument Setup				
	initial	Pump.%A.Equate	"Mobile Phase"	
		Pump.%B.Equate	"%B"	
		Pump.%C.Equate	"%C"	
		Pump.%D.Equate	"%D"	
		Pump.Pressure.LowerLimit	0 [bar]	
		Pump.Pressure.UpperLimit	378 [bar]	
		Sampler.Temperature.Nominal	25 [°C]	
		Sampler.WashMode	Both	
		Sampler.WashVolume	500 [µl]	
		Sampler.WashDuration	10 [s]	
		Sampler.SyringeSpeed	15.0 [µl/s]	
		Sampler.NeedleStroke	52 [mm]	
		ColumnOven.TempCtrl	On	
		ColumnOven.Temperature.Nominal	25 [°C]	
		ColumnOven.Temperature.UpperLimit	60 [°C]	
		UV.CellTemp.Nominal	Low	
		UV.Response	0.50 [s]	
		UV.UV_VIS_1.Wavelength	210 [nm]	
		UV.Mode	Single	
Inject Preparation				
	0.000	UV.Autozero		
Inject				
	0.000	Sampler.Inject		
Start Run				
	0.000	UV.UV_VIS_1.AcqOn		
Run				
			Duration =	
			10.000 [min]	
	0.000	Pump.Flow	1.000 [ml/min]	
		Pump.%B.Value	0.0 [%]	
		Pump.%C.Value	0.0 [%]	
		Pump.%D.Value	0.0 [%]	
	10.000	Pump.Flow	1.000 [ml/min]	
		Pump.%B.Value	0.0 [%]	
		Pump.%C.Value	0.0 [%]	
		Pump.%D.Value	0.0 [%]	
Stop Run				
	10.000	UV.UV_VIS_1.AcqOff		
End				

Pankaj
13-Jun-17

Pankaj
13-Jun-17