

RAW DATA OF

(LOD, LOQ ESTIMATION)

RELATED SUBSTANCE VALIDATION

Product Name:	Ramipril Tablets
Label claim (mg):	10 mg And 25 mg
AR No.:	D24181193
Batch No.:	GP180301
Preparation:	LOD and LOQ Estimation for Ramipril Impurity D
LNB No. Page No.	07/115

Analysis Date: 15-Nov-18

Preparation of standard solution for Ramipril	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	24.99	25.0	2.00	99.64
	2.0	100.0		
	2.0	20.0		

Ramipril				
Injection No.	Retention Time	Peak Area	Retention Time	Area of Bkt Standard
1	16.130	2072.058	16.107	2001.274
2	16.130	2066.687		
3	16.123	2045.282		
4	16.120	2068.645		
5	16.120	2068.921		
6	16.107	2048.324		
Average	16.122	2061.653	16.120	2053.027
SD	0.0085	11.6704	0.0095	25.1853
%RSD	0.05	0.57	0.06	1.23

System Suitability	
%RSD of Area	0.57
NMT 5.0%	

Preparation of standard solution for Hydrochlorothiazide	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	25.47	25.0	2.55	99.24
	2.5	100.0		
	2.0	20.0		

Hydrochlorothiazide				
Injection No.	Retention Time	Peak Area	Retention Time	Area of Bkt Standard
1	5.163	4391.925	5.160	4388.590
2	5.160	4424.471		
3	5.153	4407.649		
4	5.153	4401.394		
5	5.153	4391.609		
6	5.157	4392.136		
Average	5.157	4401.531	5.157	4399.682
SD	0.0043	12.9821	0.0041	12.8207
%RSD	0.08	0.29	0.08	0.29

System Suitability	
%RSD of Area	0.29
NMT 5.0%	

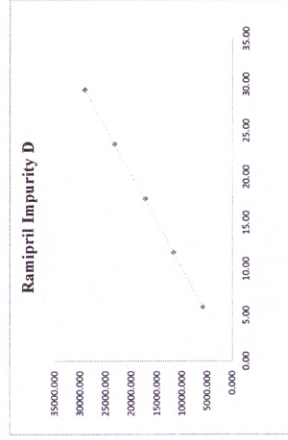
Preparation of LOD/LOQ Standard Solution for Ramipril Impurity D	Batch No.	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)
	SP-028-152	2.95	50.0	59.00

mL of Standard Solution for LOD/LOQ			
Concentration (ppm)	Diluted to mL	Concentration (ppm)	Area
2.5	25.0	5.90	5908.573
5.0	25.0	11.80	11701.418
7.5	25.0	17.70	17427.816
10.0	25.0	23.60	23357.930
12.5	25.0	29.50	29194.393
SLOPE		986.92	
INTERCEPT		49.58	
CORRELATION COEFFICIENT		1.000	

The residual standard deviation of the regression line from calibration curve	
σ	
LOD Concentration (ppm)	
LOQ Concentration (ppm)	

Done by: 16-Nov-18
Date:

Checked by: 16-Nov-18
Date:



RELATED SUBSTANCE VALIDATION

Product Name:	Ramipril Tablets
Label claim (mg):	10 mg And 25 mg
AR No:	D2404181193
Batch No:	GP180301
Parameter:	LOD and LOQ Estimation for Ramipril Impurity E
LNB No/ Page No:	697/115

Analysis Date: 15-Nov-18

Preparation of standard solution for Ramipril	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	24.99	25.0		
	2.0	100.0	2.00	99.64
	2.0	20.0		

Ramipril				
Injection No.	Retention Time	Peak Area	Retention Time	Area of Bkt Standard
1	16.130	2072.658	16.107	2001.274
2	16.130	2066.687		
3	16.123	2045.282		
4	16.120	2068.645		
5	16.120	2068.921		
6	16.107	2048.324		
Average	16.122	2061.653	16.120	2053.027
SD		11.5704	0.0095	25.1853
%RSD	0.05	0.57	0.06	1.23

System Suitability	
%RSD of Area	0.57
	NMT 5.0%

Preparation of standard solution for Hydrochlorothiazide	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	25.47	25.0		
	2.5	100.0	2.55	99.24
	2.0	20.0		

Hydrochlorothiazide				
Injection No.	Retention Time	Peak Area	Retention Time	Area of Bkt Standard
1	5.163	4391.925	5.160	4388.590
2	5.160	4424.471		
3	5.153	4407.649		
4	5.153	4401.394		
5	5.153	4391.609		
6	5.157	4392.136		
Average	5.157	4401.531	5.157	4399.682
SD	0.0043	12.9821	0.0041	12.8307
%RSD	0.08	0.29	0.08	0.29

System Suitability	
%RSD of Area	0.29
	NMT 5.0%

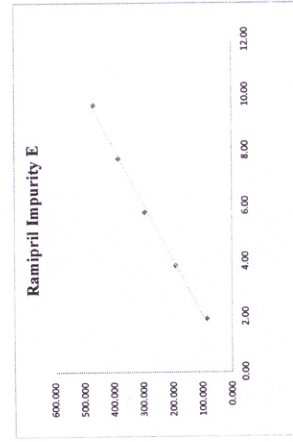
Preparation of LOD/LOQ Standard Solution for Ramipril Impurity E	Batch No.	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)
	SP-027-084	2.41	10.0	241.00

mL of Standard Solution for LOD/LOQ	Diluted to mL	Concentration (ppm)	Area
0.2	25.0	1.93	84.998
0.4	25.0	3.86	190.999
0.6	25.0	5.78	296.087
0.8	25.0	7.71	384.274
1.0	25.0	9.64	469.278
SLOPE		49.89	
INTERCEPT		-3.42	
CORRELATION COEFFICIENT		0.999	

The residual standard deviation of the regression line from calibration curve	
σ	
LOD Concentration (ppm)	
LOQ Concentration (ppm)	

Done by: *SP-027-084*
Date: 15-Nov-18

Checked by: *Ravi*
Date: 16-Nov-18



RELATED SUBSTANCE VALIDATION

Product Name:	Ramipril Tablets
Label claim (mg):	10 mg And 25 mg
AR No:	D2404181193
Batch No:	GP180301
Parameter:	LOD and LOQ Estimation for Ramipril Impurity A
LNB No./ Page No.	697/115

Analysis Date: 15-Nov-18

Preparation of standard solution for Ramipril	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	24.99	25.0		
	2.0	100.0	2.00	99.64
	2.0	20.0		

Ramipril				
Injection No.	Retention Time	Peak Area	Retention Time	Area of Blt Standard
1	16.130	2072.058	16.107	2001.274
2	16.130	2066.687		
3	16.123	2045.382		
4	16.120	2068.645		
5	16.120	2068.921		
6	16.107	2048.324		
Average	16.122	2061.653	16.120	2053.027
SD	0.0085	11.6704	0.0095	25.1853
%RSD	0.05	0.57	0.06	1.23

%RSD of Area	0.57	NMT 5.0%
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Preparation of standard solution for Hydrochlorothiazide	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	25.47	25.0		
	2.5	100.0	2.55	99.24
	2.0	20.0		

Hydrochlorothiazide				
Injection No.	Retention Time	Peak Area	Retention Time	Area of Blt Standard
1	5.163	4391.925	5.160	4388.590
2	5.160	4424.471		
3	5.153	4407.649		
4	5.153	4401.294		
5	5.153	4391.609		
6	5.157	4392.136		
Average	5.157	4401.531	5.157	4399.682
SD	0.0043	12.9821	0.0041	12.8207
%RSD	0.08	0.29	0.08	0.29

%RSD of Area	0.29	NMT 5.0%
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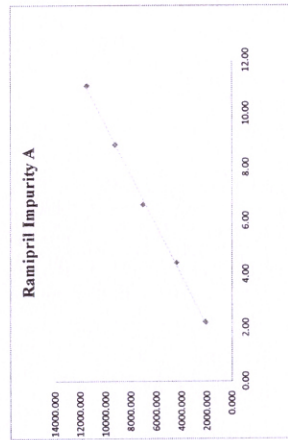
Preparation of LOD/LOQ Standard Solution for Ramipril Impurity A	Batch No.	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)
	SP-023-164	2.76	10.0	276.00

mL of Standard Solution for LOD/LOQ			
Diluted to mL	Concentration (ppm)	Area	
0.2	25.0	2.21	2119.833
0.4	25.0	4.42	4424.131
0.6	25.0	6.62	7068.418
0.8	25.0	8.83	9241.745
1.0	25.0	11.04	11490.971
SLOPE		1067.02	
INTERCEPT		-198.95	
CORRELATION COEFFICIENT		0.999	

The residual standard deviation of the regression line from calibration curve			
138.3621	σ		
0.43	LOD Concentration (ppm)		
1.30	LOQ Concentration (ppm)		

Done by: 16-Nov-18
Date:

Checked by: Ram
Date: 16-Nov-18



RELATED SUBSTANCE VALIDATION

Analysis Date: 15-Nov-18

Product Name:	Ramipril Tablets
Label claim (mg):	10 mg And 25 mg
AR No:	D240418193
Batch No:	GPI80301
Parameter:	LOD and LOQ Estimation for Ramipril
LNB No/ Page No:	697/115

Preparation of standard solution for Ramipril	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	24.99	25.0		
	2.0	100.0		
	2.0	20.0	2.00	99.64

Injection No.	Retention Time	Peak Area	Retention Time	Area of Bkt Standard
1	16.130	2072.058	16.107	2001.274
2	16.130	2066.687		
3	16.123	2045.382		
4	16.120	2068.645		
5	16.120	2068.921		
6	16.107	2048.324		
Average	16.122	2061.653	16.120	2053.027
SD	0.0085	11.6704	0.0095	25.1853
%RSD	0.05	0.57	0.06	1.23

%RSD of Area	System Suitability
0.57	NMT 5.0%

Preparation of standard solution for Hydrochlorothiazide	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)	Purity (As is Basis)
	25.47	25.0		
	2.5	100.0		
	2.0	20.0	2.55	99.24

Injection No.	Retention Time	Peak Area	Retention Time	Area of Bkt Standard
1	5.163	4391.925	5.160	4388.590
2	5.160	4424.471		
3	5.153	4407.649		
4	5.153	4401.394		
5	5.153	4391.609		
6	5.157	4392.136		
Average	5.157	4401.531	5.157	4399.682
SD	0.0043	12.9821	0.0041	12.9307
%RSD	0.08	0.29	0.08	0.29

%RSD of Area	System Suitability
0.29	NMT 5.0%

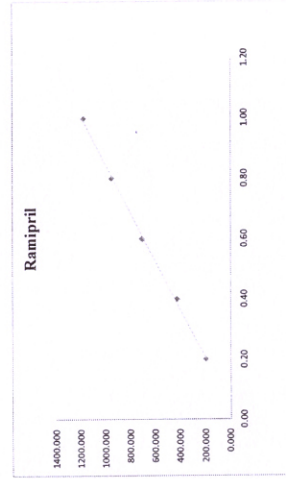
Preparation of LOD/LOQ Standard Solution for Ramipril	Weight of standard (mg)	Diluted (mL)	Concentration (ppm)
	24.99	25.0	
	5.0	100.0	
	10.0	50.0	10.00

mL of standard solution for LOD/LOQ	Diluted to mL	Concentration (ppm)	Area
0.5	25.0	0.20	199.723
1.0	25.0	0.40	424.234
1.5	25.0	0.60	708.012
2.0	25.0	0.80	952.111
2.5	25.0	1.00	1180.251
SLOPE			1244.96
INTERCEPT			-53.81
CORRELATION COEFFICIENT			0.999

16.8911	σ	The residual standard deviation of the regression line from calibration curve
0.04	LOD Concentration (ppm)	
0.14	LOQ Concentration (ppm)	

Done by: *SG*
Date: 15-Nov-18

Checked by: *Rajeev*
Date: 16-Nov-18





QBD RESEARCH AND DEVELOPMENT LAB PVT. LTD.

Instrument ID : QbD-INST-HPLC-67

Sequence Name : HPLC-67_15-Nov-18_A

Data Vault : QbD_2018

Sequence Path : Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq

Seq. Created By : Swaraj A. Jadhav

Seq. Last Updated By :

Seq. Created On : 15-11-2018 14:15:18

Seq. Last Updated On

Swaraj A. Jadhav

15-11-2018 14:25:37

Inj No.	Injection Name	Injection Type	Volume µL	Vial No.	Status	Injection Time	Instrument Method	Processing Method	Level	AR_NO	BATCH_NO	COLUMN_NO
1	Blank Solution	Unknown	30.00	RA1	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
2	Blank Solution	Unknown	30.00	RA1	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
3	Standard Solution 1	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
4	Standard Solution 2	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
5	Standard Solution 3	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
6	Standard Solution 4	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
7	Standard Solution 5	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
8	Standard Solution 6	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
9	Blank Solution	Unknown	30.00	RA1	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
10	LOD/LOQ Solution 1	Unknown	30.00	RA3	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
11	LOD/LOQ Solution 2	Unknown	30.00	RA4	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
12	LOD/LOQ Solution 3	Unknown	30.00	RA5	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
13	LOD/LOQ Solution 4	Unknown	30.00	RA6	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
14	LOD/LOQ Solution 5	Unknown	30.00	RA7	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
15	Bracketing Standard Solution	Unknown	30.00	RA2	Idle	n.a.	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_Pf			D2404181993	N/A	QbD/IC/COL/128
16	Wash	Unknown	30.00	RA1	Idle	n.a.	Wash method_HPLC 67_NewRamithiazide Tablets_RS_Pf			N/A	N/A	QbD/IC/COL/128
17	Shut	Unknown	30.00	RA1	Idle	n.a.	Shut method_HPLC 67_NewRamithiazide Tablets_RS_Pf			N/A	N/A	QbD/IC/COL/128

* Refer AR NO :- D2404181193 instead of AR NO :- D2404181993

28-Nov-18

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<i>Name</i>	HPLC-67_Ramithiazide Tablet_RS_Met
<i>Data Vault</i>	QbD_2018
<i>Path</i>	chrom://qbdser03/QbD_2018/Method Validation/Generic Healthcare/Ramithiazide Tablet/Related Substances/HPLC-67_15- Nov-18_A.seq/HPLC-67_Ramithiazide Tablet_RS_Met.instmeth
<i>Comment</i>	Ramithiazide Tablet
<i>Description</i>	Ramithiazide Tablet instrument method created
<i>Run time</i>	30.000 [min]
<i>Instrument</i>	QbD-INST-HPLC-67 on qbd-pc-19
<i>Created</i>	14-Nov-18 16:46:53 +05:30 Gauri Rane
<i>Last Update</i>	14-Nov-18 16:46:53 +05:30 Gauri Rane

SD
15-Nov-18

PIJ
15-Nov-18

Stage	Time min	Command	Value	Comment
Instrument Setup				
	initial	DAD.3DFIELD.MinWavelength	190.0 [nm]	
		DAD.3DFIELD.MaxWavelength	400.0 [nm]	
		DAD.3DFIELD.BunchWidth	1 [nm]	
		DAD.ResponseTime	1.000 [s]	
		DAD.Data_Collection_Rate	5 [Hz]	
		ColumnOven.TempCtrl	On	
		ColumnOven.Temperature.Nominal	25.0 [°C]	
		ColumnOven.Temperature.LowerLimit	5.0 [°C]	
		ColumnOven.Temperature.UpperLimit	80.0 [°C]	
		ColumnOven.EquilibrationTime	0.5 [min]	
		ColumnOven.ReadyTempDelta	1.0 [°C]	
		ColumnOven.Column_A.ActiveColumn	No	
		ColumnOven.Column_A.SystemPressure	"Pump"	
		ColumnOven.Column_B.ActiveColumn	No	
		ColumnOven.Column_B.SystemPressure	"Pump"	
		Sampler.InjectWash	Both	
		Sampler.WashSpeed	20.000 [µl/s]	
		Sampler.WashVolume	75.000 [µl]	
		Sampler.SampleHeight	2.000 [mm]	
		Sampler.WasteSpeed	32.000 [µl/s]	
		Sampler.DispenseDelay	0.000 [s]	
		Sampler.DispSpeed	20.000 [µl/s]	
		Sampler.DrawSpeed	5.000 [µl/s]	
		Sampler.DrawDelay	3.000 [s]	
		Sampler.InjectMode	Normal	
		Sampler.PumpDevice	"Pump"	
		Sampler.SyncWithPump	On	
		Sampler.LoopWashFactor	2.000	
		Sampler.TempCtrl	On	
		Sampler.Temperature.Nominal	25.0 [°C]	
		Sampler.ReadyTempDelta	1.5 [°C]	
		Sampler.Temperature.LowerLimit	4.0 [°C]	
		Sampler.Temperature.UpperLimit	45.0 [°C]	
		PumpModule.Pump.%A.Equate	"Mobile Phase A"	
		PumpModule.Pump.%B.Equate	"Mobile Phase B"	
		PumpModule.Pump.%C.Equate	"%C"	
		PumpModule.Pump.%D.Equate	"%D"	
		PumpModule.Pump.Pressure.LowerLimit	0 [bar]	
		PumpModule.Pump.Pressure.UpperLimit	600 [bar]	
		PumpModule.Pump.MaximumFlowRampUp	6.000 [ml/min²]	
		PumpModule.Pump.MaximumFlowRampDown	5.998 [ml/min²]	

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		DAD.UV_VIS_1.Wavelength	210.0 [nm] ✓
		DAD.UV_VIS_1.Bandwidth	4 [nm]
		DAD.UV_VIS_1.RefWavelength	Off
		DAD.UV_VIS_1.RefBandwidth	1 [nm]
		DAD.3DFIELD.RefWavelength	800.0 [nm]
		DAD.3DFIELD.RefBandwidth	1 [nm]
Inject Preparation	0.000	DAD.Autozero	
		Wait	DAD.Ready And ColumnOven.Re ady And Sampler.Ready And PumpModule.Pu mp.Ready
Inject	0.000	Sampler.Inject	
Start Run	0.000	DAD.UV_VIS_1.AcqOn	
		DAD.3DFIELD.AcqOn	
		DAD.Temp_Lamphouse.AcqOn	
		ColumnOven.ColumnOven_Temp.AcqOn	
		PumpModule.Pump.Pump_Pressure.AcqOn	
Run		Duration =	
	0.000		30.000 [min] ✓
		PumpModule.Pump.Flow.Nominal	1.000 [ml/min] ✓
		PumpModule.Pump.%B.Value	30.0 [%] ✓
		PumpModule.Pump.%C.Value	0.0 [%]
		PumpModule.Pump.%D.Value	0.0 [%]
		PumpModule.Pump.Curve	5
	7.000 ✓	PumpModule.Pump.Flow.Nominal	1.000 [ml/min] ✓
		PumpModule.Pump.%B.Value	30.0 [%] ✓
		PumpModule.Pump.%C.Value	0.0 [%]
		PumpModule.Pump.%D.Value	0.0 [%]
		PumpModule.Pump.Curve	5
	9.000 ✓	PumpModule.Pump.Flow.Nominal	1.000 [ml/min] ✓
		PumpModule.Pump.%B.Value	50.0 [%] ✓
		PumpModule.Pump.%C.Value	0.0 [%]
		PumpModule.Pump.%D.Value	0.0 [%]
		PumpModule.Pump.Curve	5
	25.000 ✓	PumpModule.Pump.Flow.Nominal	1.000 [ml/min] ✓
		PumpModule.Pump.%B.Value	50.0 [%] ✓
		PumpModule.Pump.%C.Value	0.0 [%]

SP
15-Nov-18

SP
15-Nov-18

Stop Run	30.000	PumpModule.Pump.%D.Value	0.0 [%]
		PumpModule.Pump.Curve	5
		PumpModule.Pump.Flow.Nominal	1.000 [ml/min] ✓
		PumpModule.Pump.%B.Value	30.0 [%] ✓
		PumpModule.Pump.%C.Value	0.0 [%]
		PumpModule.Pump.%D.Value	0.0 [%]
		PumpModule.Pump.Curve	5
		DAD.UV_VIS_1.AcqOff	
		DAD.3DFIELD.AcqOff	
		DAD.Temp_Lamphouse.AcqOff	
		ColumnOven.ColumnOven_Temp.AcqOff	
		PumpModule.Pump.Pump_Pressure.AcqOf	
End			

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15-Nov-18

88
15-Nov-18



QBD RESEARCH AND DEVELOPMENT LAB PVT. LTD.

Instrument ID : QbD-INST-HPLC-67
Sequence Name : HPLC-67_15-Nov-18_A
Data Vault : QbD_2018
Sequence Path : Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq

Seq. Created By : Swaraj A. Jadhav
Seq. Created On : 15-11-2018 14:15:18

Inj No.	Injection Name	Injection Type	Volume μ L	Vial No.	Status	Injection Time	Instrument Method	Processing Method	Level
1	Blank Solution	Unknown	30.00	RA1	Finished	15-11-2018 14:31:44	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
2	Blank Solution	Unknown	30.00	RA1	Finished	15-11-2018 15:02:56	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
3	Standard Solution 1	Unknown	30.00	RA2	Finished	15-11-2018 15:34:14	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
4	Standard Solution 2	Unknown	30.00	RA2	Finished	15-11-2018 16:05:31	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
5	Standard Solution 3	Unknown	30.00	RA2	Finished	15-11-2018 16:36:44	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
6	Standard Solution 4	Unknown	30.00	RA2	Finished	15-11-2018 17:07:57	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
7	Standard Solution 5	Unknown	30.00	RA2	Finished	15-11-2018 17:39:15	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
8	Standard Solution 6	Unknown	30.00	RA2	Finished	15-11-2018 18:10:32	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
9	Blank Solution	Unknown	30.00	RA1	Finished	15-11-2018 18:41:45	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
10	LOD/LOQ Solution 1	Unknown	30.00	RA3	Finished	15-11-2018 19:12:58	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
11	LOD/LOQ Solution 2	Unknown	30.00	RA4	Finished	15-11-2018 19:44:16	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
12	LOD/LOQ Solution 3	Unknown	30.00	RA5	Finished	15-11-2018 20:15:28	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
13	LOD/LOQ Solution 4	Unknown	30.00	RA6	Finished	15-11-2018 20:46:41	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
14	LOD/LOQ Solution 5	Unknown	30.00	RA7	Finished	15-11-2018 21:17:54	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
15	Bracketing Standard Solution	Unknown	30.00	RA2	Finished	15-11-2018 21:49:07	67_Ramithiazide Tablet_Ramithiazide Tablets_RS_PR		
16	Wash	Unknown	30.00	RA1	Finished	15-11-2018 22:24:10	Wash method _HPLC 67_NewRamithiazide Tablets_RS_PR		
17	Shut	Unknown	30.00	RA1	Finished	15-11-2018 23:29:23	Shut method _HPLC 67_NewRamithiazide Tablets_RS_PR		

Seq. Last Updated By : Swaraj A. Jadhav
Seq. Last Updated On : 16-11-2018 18:49:09

AR_NO	BATCH_NO	COLUMN_NO
D2404181993	N/A	QbD/LC/COL/128
D2404181993	N/A	QbD/LC/COL/128
D2404181993	N/A	QbD/LC/COL/128
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D2404181993	N/A	QbD/LC/COL/128
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D2404181993	N/A	QbD/LC/COL/128
D2404181993	N/A	QbD/LC/COL/128
D2404181993	N/A	QbD/LC/COL/128
D2404181993	N/A	QbD/LC/COL/128
D2404181993	N/A	QbD/LC/COL/128
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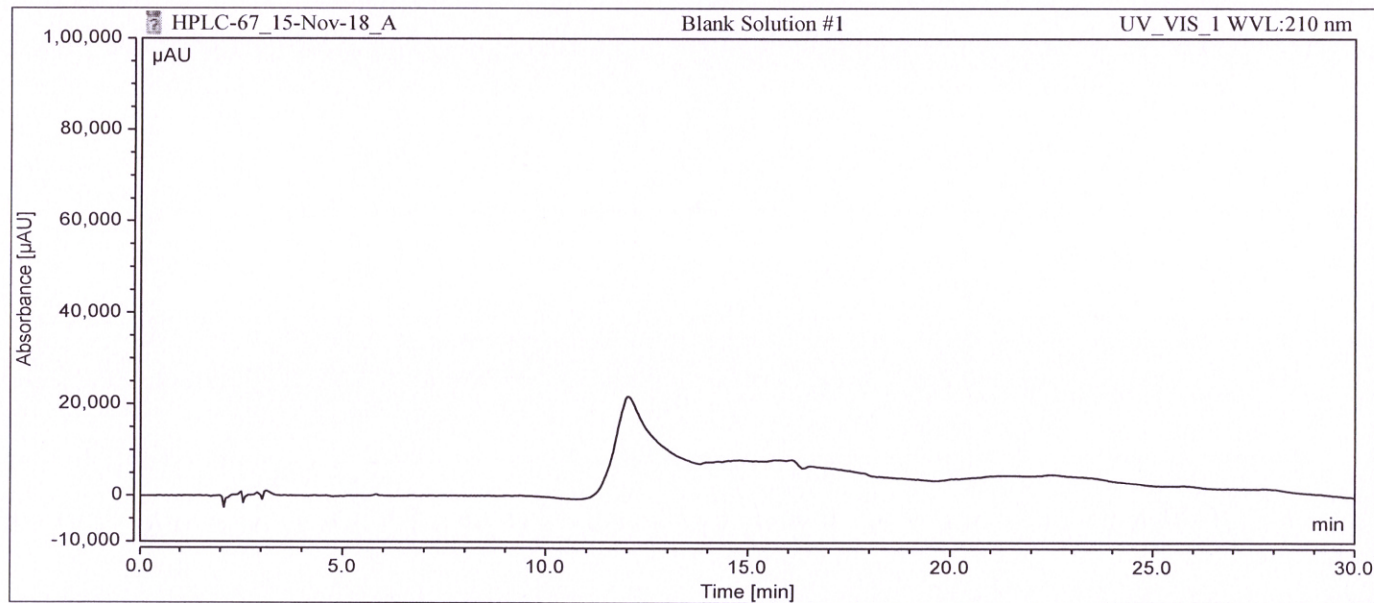
* Refer AR No:- D2404181193 instead of AR No:-D2404181993

SD
28-Nov-18



QBD RESEARCH AND DEVELOPMENT LAB PVT. LTD.

Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Blank Solution	AR. No. :-	D2404181993
Sample Number :-	1	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA1	Processing Method :-	Ramithiazide Tablets_RS_PR1
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 18:49:09
Injection Date & Time :-	15-11-2018 14:31:44	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

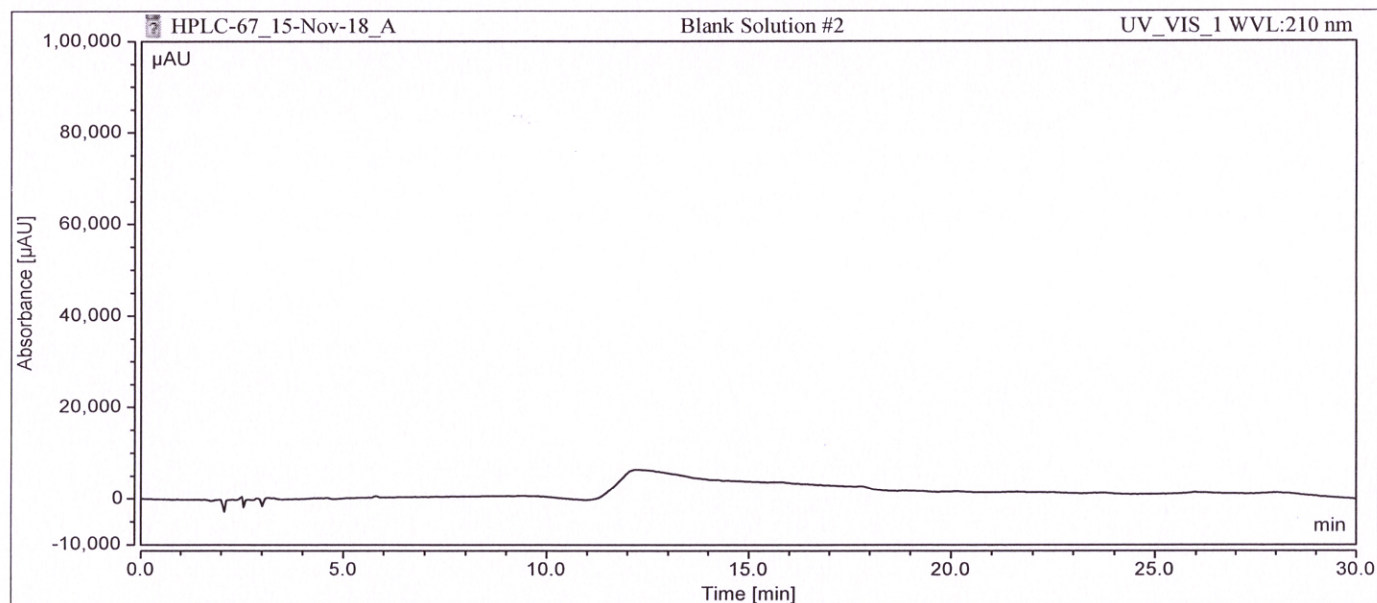


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
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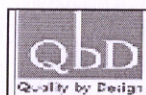


QBD RESEARCH AND DEVELOPMENT LAB PVT. LTD.

Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Blank Solution	AR. No. :-	D2404181993
Sample Number :-	2	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA1	Processing Method :-	Ramithiazide Tablets_RS_PR1
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 18:49:09
Injection Date & Time :-	15-11-2018 15:02:56	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		



Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
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Processing Method

Processing Method Name :	Ramithiazide Tablets_RS_PR		
Processing Method Path :	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		
Processing Method Created By :	Swaraj A. Jadhav	Processing Method Last Updated By :	Swaraj A. Jadhav
Processing Method Created On :	15-11-2018 14:20:09	Processing Method Last Updated On :	16-11-2018 09:31:48

Detection Alogrithm	Chromeleon 6	Version	3
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Detection Parameter

Ret. Time min	Param. Name	Param. Value	Inj. Type	Channel
0.000	Minimum Area	5.0000 [Signal*min]	Any	All Channels
0.000	Valley To Valley	On	Any	All Channels
0.000	Minimum Height	20000.000 [Signal]	Any	All Channels
13.500	Minimum Height	0.000 [Signal]	Any	All Channels

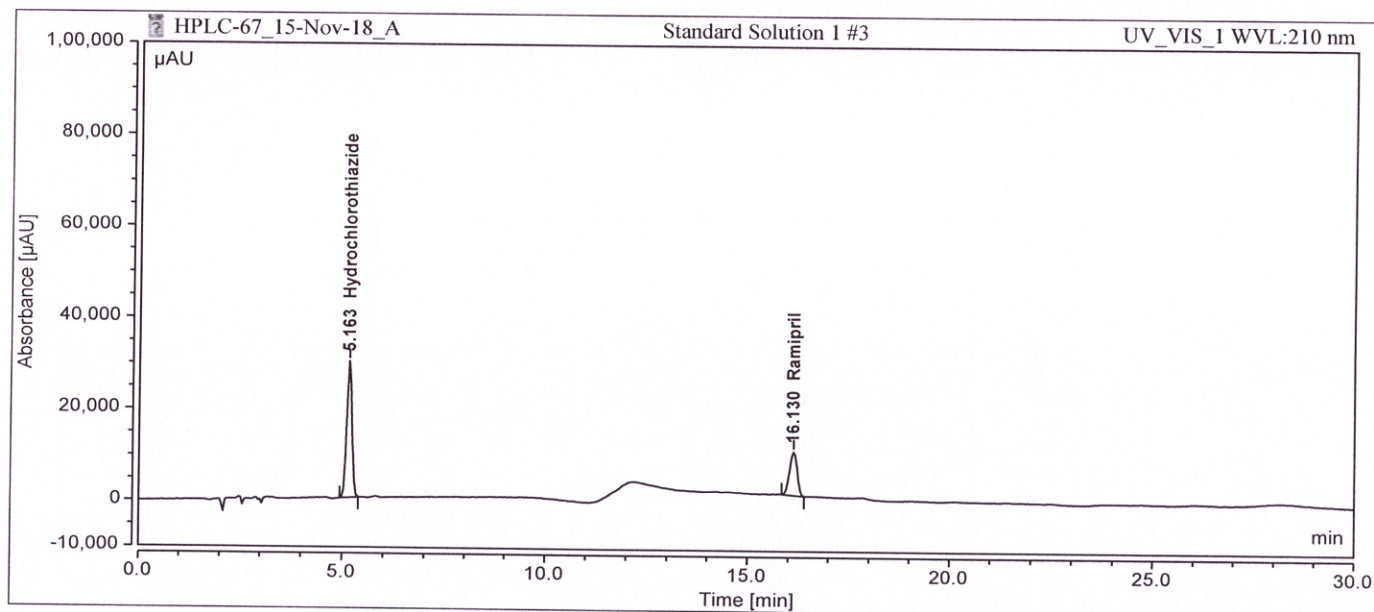
Peak Table

No.	Peak Name	Ret. Time
1	Hydrochlorothiazide	5.157
2	Impurity E	14.063
3	Impurity A	14.643
4	Ramipril	16.107
5	Impurity D	23.867



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Standard Solution 1	AR. No. :-	D2404181993
Sample Number :-	3	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 15:34:14	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

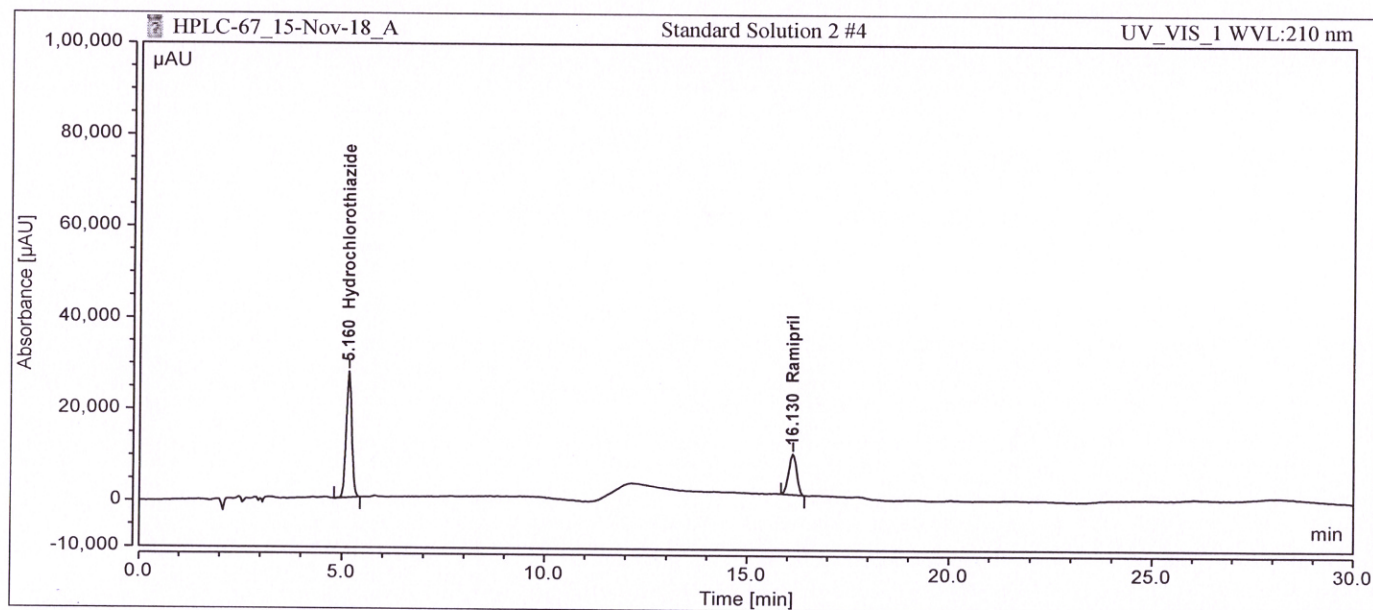


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.163	4391.925	67.94	1.03	7705	FALSE	n.a.
2	Ramipril	16.130	2072.058	32.06	0.95	34894	FALSE	37.77



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Standard Solution 2	AR. No. :-	D2404181993
Sample Number :-	4	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 16:05:31	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

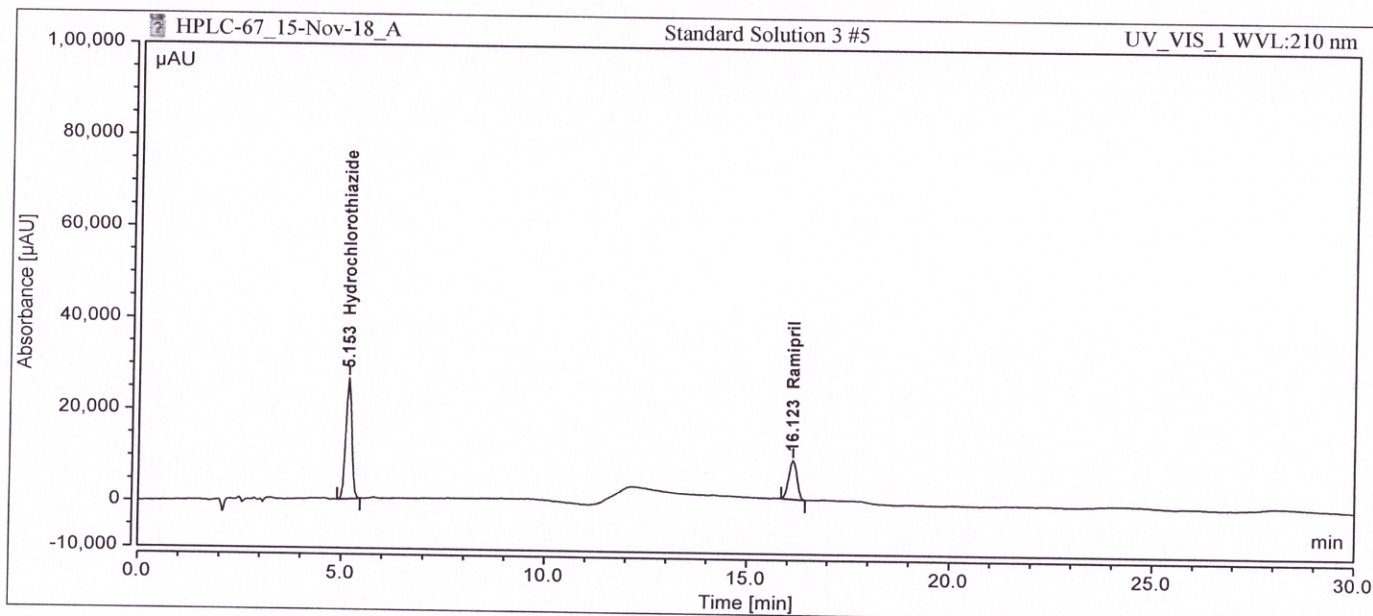


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.160	4424.471	68.16	1.07	6537	FALSE	n.a.
2	Ramipril	16.130	2066.687	31.84	0.96	29881	FALSE	34.91



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Standard Solution 3	AR. No. :-	D2404181993
Sample Number :-	5	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_N
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 16:36:44	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

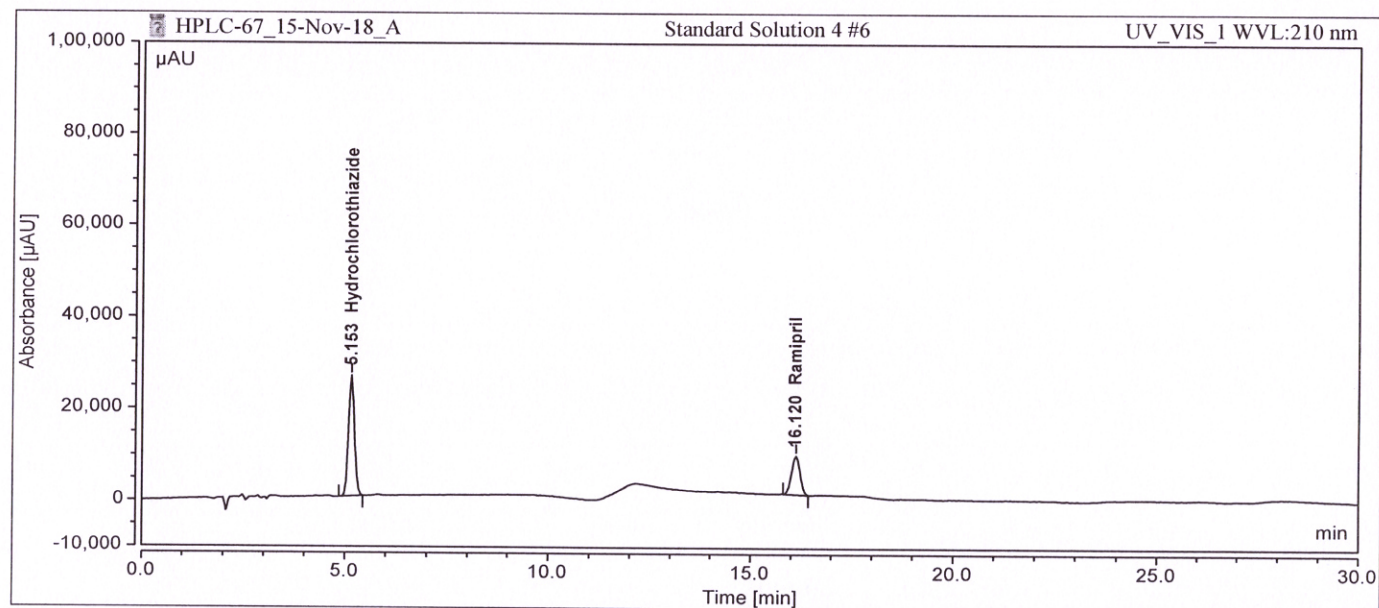


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.153	4407.649	68.30	1.10	6020	FALSE	n.a.
2	Ramipril	16.123	2045.282	31.70	1.01	27900	FALSE	33.66



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Standard Solution 4	AR. No. :-	D2404181993
Sample Number :-	6	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 17:07:57	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

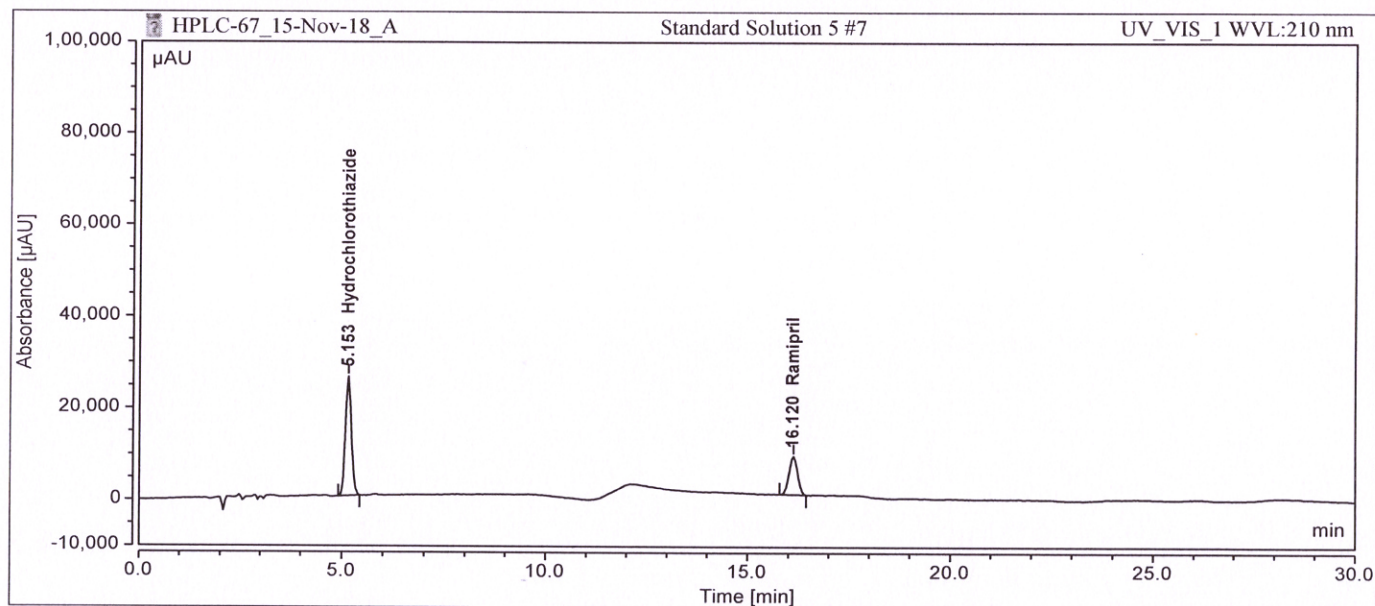


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.153	4401.394	68.03	1.11	5999	FALSE	n.a.
2	Ramipril	16.120	2068.645	31.97	1.01	26727	FALSE	33.20



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Standard Solution 5	AR. No. :-	D2404181993
Sample Number :-	7	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 17:39:15	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

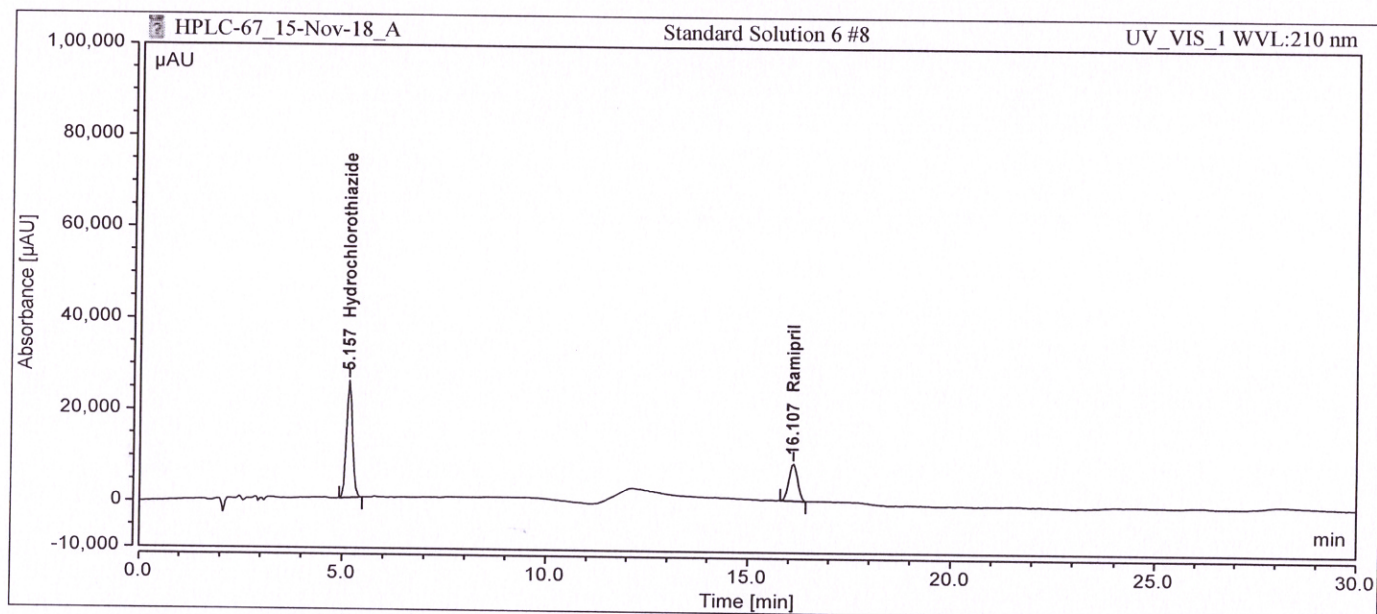


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.153	4391.609	67.98	1.14	5913	FALSE	n.a.
2	Ramipril	16.120	2068.921	32.02	1.01	24034	FALSE	32.07



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Standard Solution 6	AR. No. :-	D2404181993
Sample Number :-	8	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 18:10:32	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

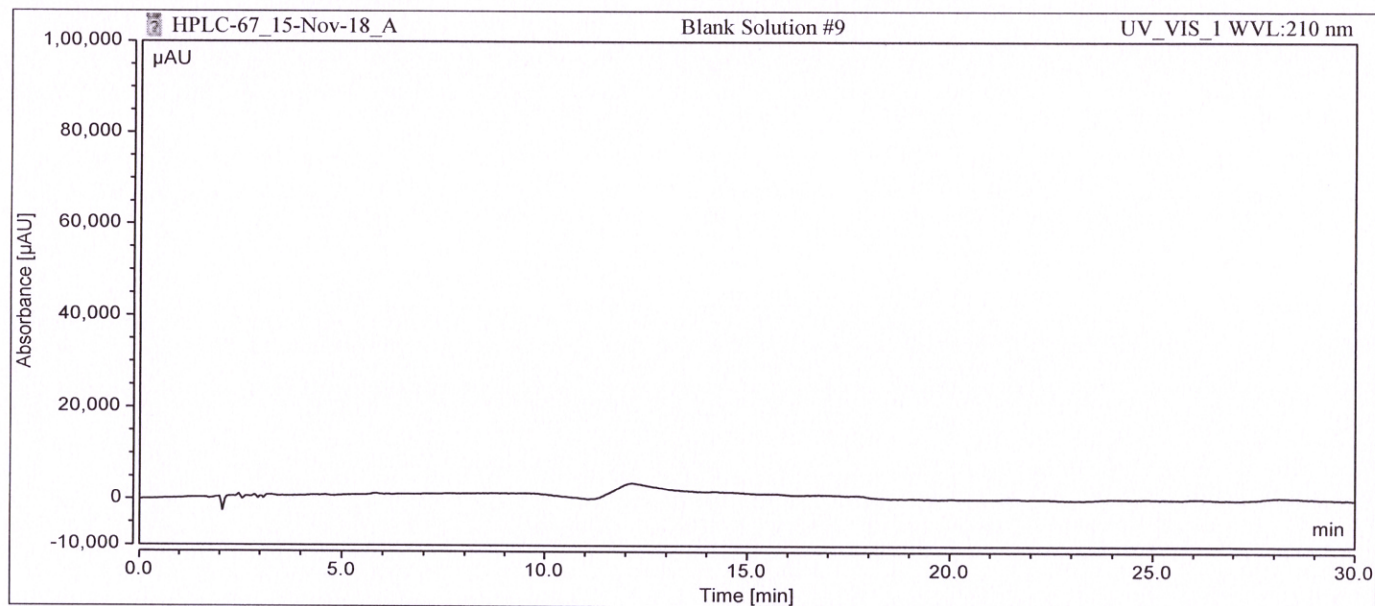


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.157	4392.136	68.20	1.15	5771	FALSE	n.a.
2	Ramipril	16.107	2048.324	31.80	1.04	25406	FALSE	32.41



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Blank Solution	AR. No. :-	D2404181993
Sample Number :-	9	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA1	Processing Method :-	Ramithiazide Tablets_RS_PR1
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 18:49:09
Injection Date & Time :-	15-11-2018 18:41:45	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

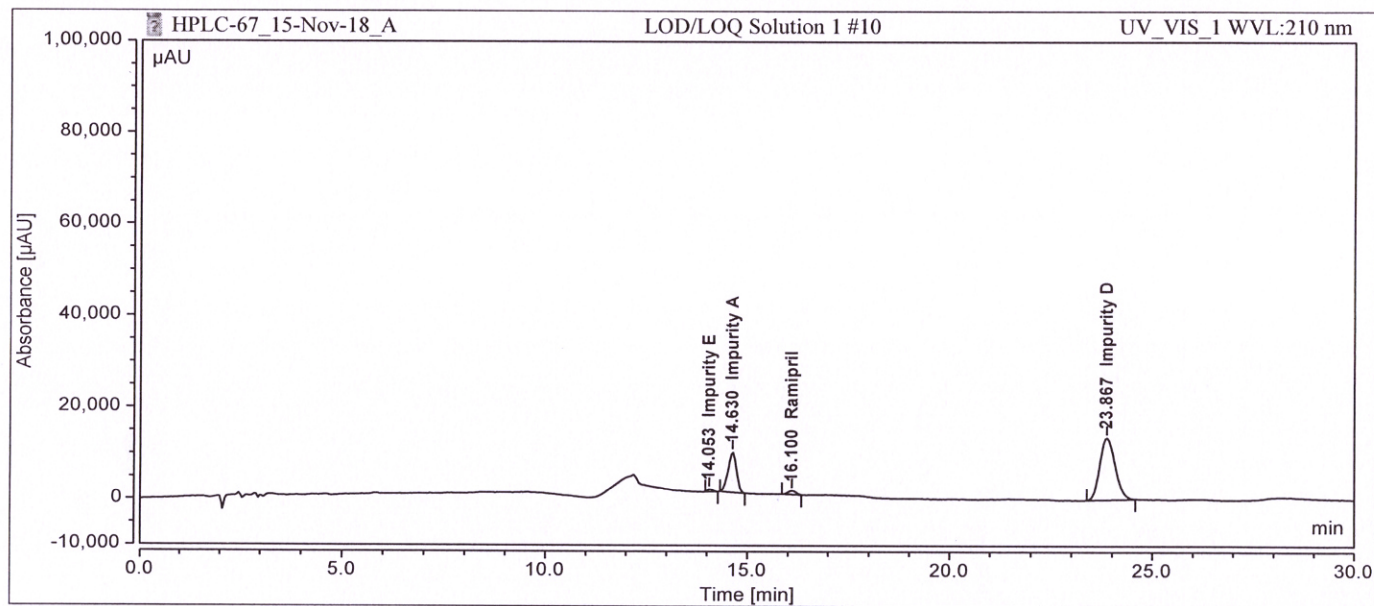


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
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QBD RESEARCH AND DEVELOPMENT LAB PVT. LTD.

Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	LOD/LOQ Solution 1	AR. No. :-	D2404181993
Sample Number :-	10	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA3	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 19:12:58	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

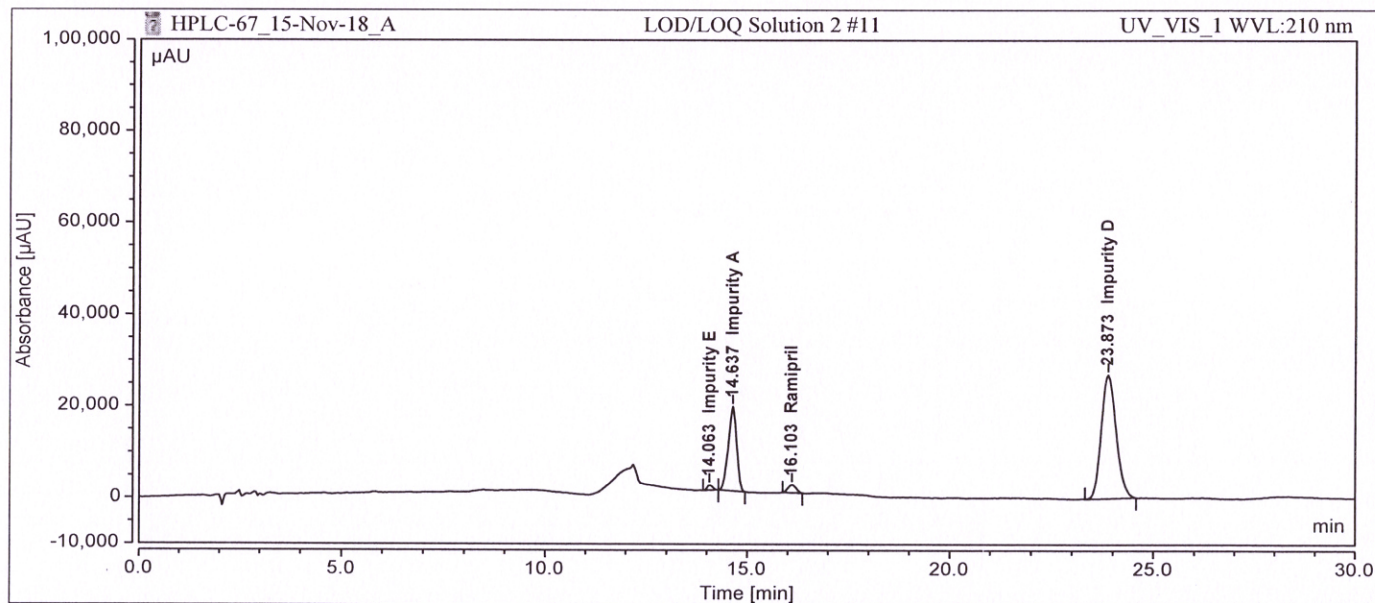


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Impurity E	14.053	84.998	1.02	1.59	44893	FALSE	n.a.
2	Impurity A	14.630	2119.833	25.50	0.94	22138	FALSE	1.75
3	Ramipril	16.100	199.723	2.40	1.00	25995	FALSE	3.71
4	Impurity D	23.867	5908.573	71.08	1.18	18768	FALSE	14.17



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	LOD/LOQ Solution 2	AR. No. :-	D2404181993
Sample Number :-	11	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA4	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 19:44:16	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

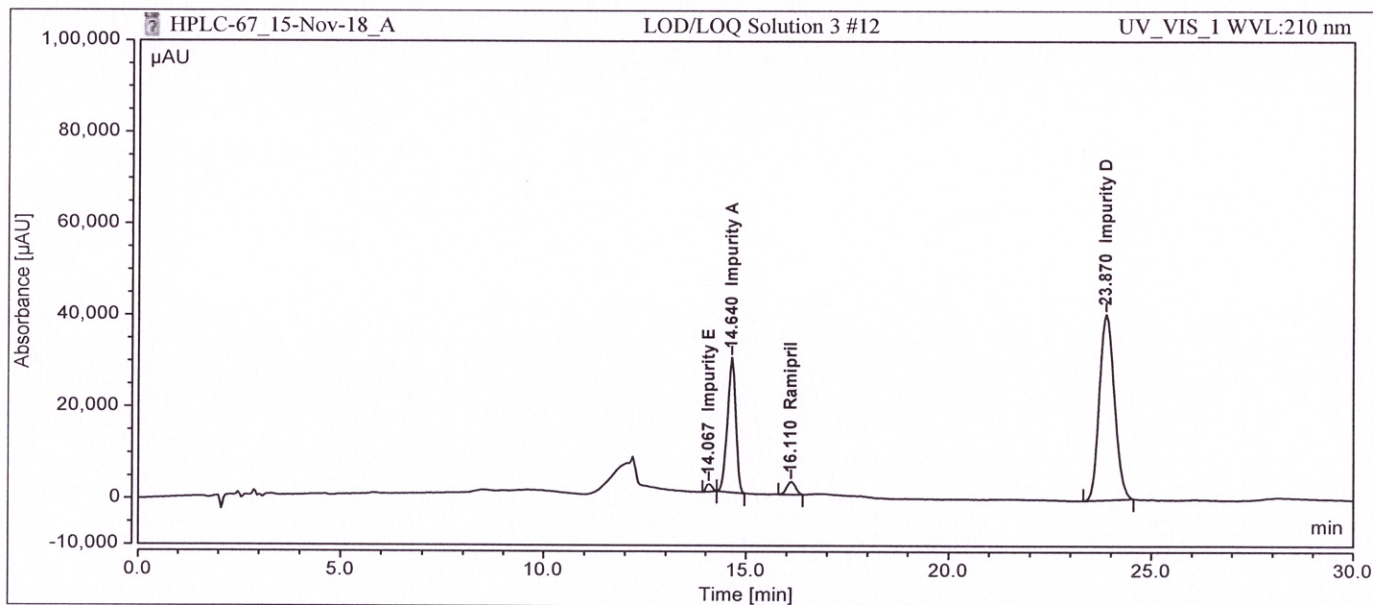


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Impurity E	14.063	190.999	1.14	1.11	52253	FALSE	n.a.
2	Impurity A	14.637	4424.131	26.43	0.92	22424	FALSE	1.80
3	Ramipril	16.103	424.234	2.53	1.08	27935	FALSE	3.78
4	Impurity D	23.873	11701.418	69.90	1.16	19483	FALSE	14.53



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	LOD/LOQ Solution 3	AR. No. :-	D2404181993
Sample Number :-	12	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA5	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 20:15:28	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

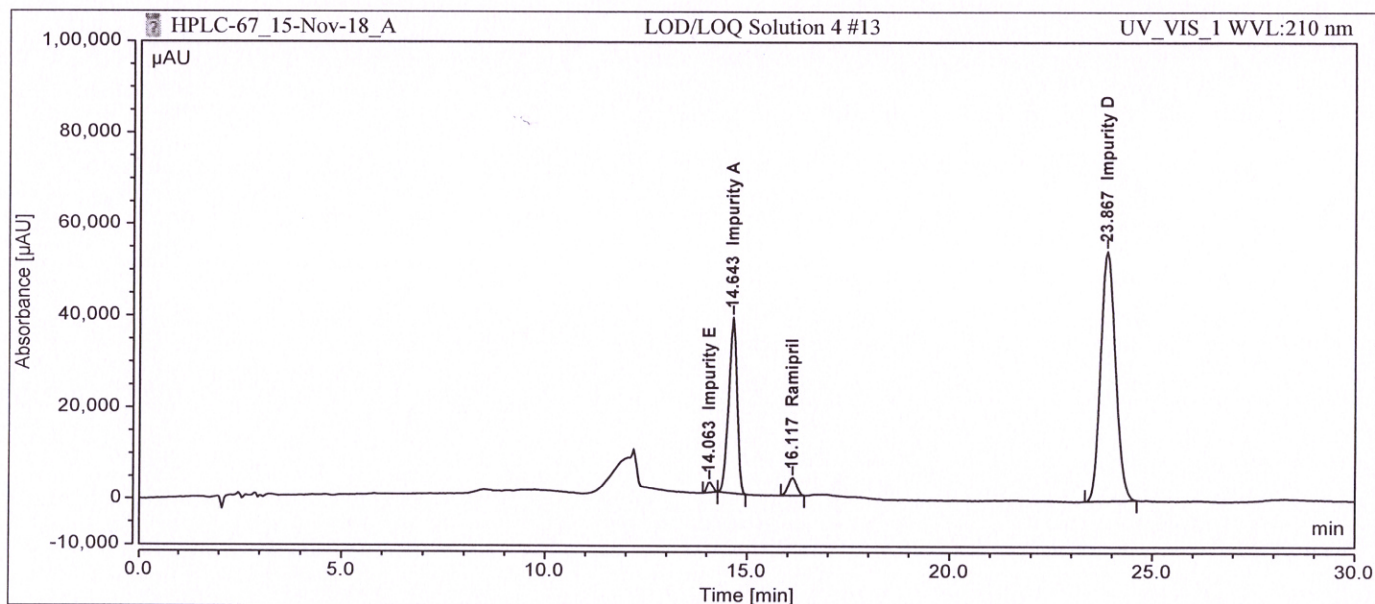


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Impurity E	14.067	296.087	1.16	1.16	41796	FALSE	n.a.
2	Impurity A	14.640	7068.418	27.72	0.92	22410	FALSE	1.72
3	Ramipril	16.110	708.012	2.78	1.03	27625	FALSE	3.77
4	Impurity D	23.870	17427.816	68.34	1.18	19452	FALSE	14.47



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	LOD/LOQ Solution 4	AR. No. :-	D2404181993
Sample Number :-	13	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA6	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 20:46:41	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

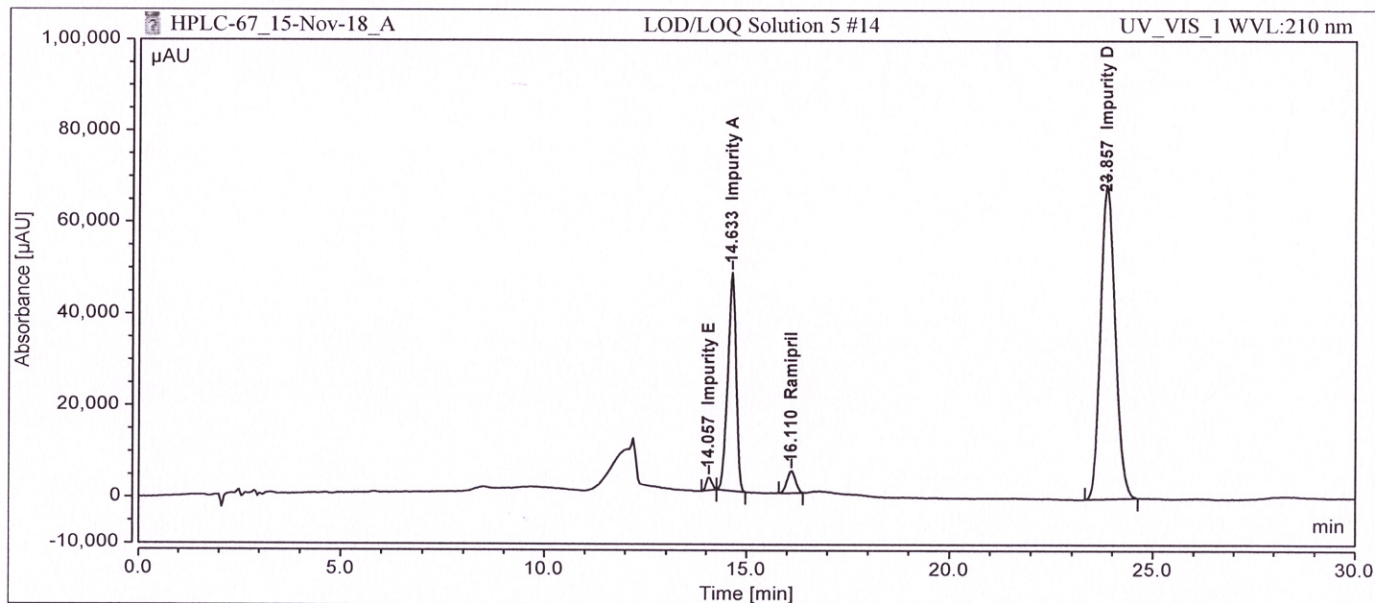


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Impurity E	14.063	384.274	1.13	1.12	45936	FALSE	n.a.
2	Impurity A	14.643	9241.745	27.23	0.92	22253	FALSE	1.77
3	Ramipril	16.117	952.111	2.81	1.01	28439	FALSE	3.80
4	Impurity D	23.867	23357.930	68.83	1.18	19747	FALSE	14.60



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	LOD/LOQ Solution 5	AR. No. :-	D2404181993
Sample Number :-	14	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA7	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 21:17:54	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

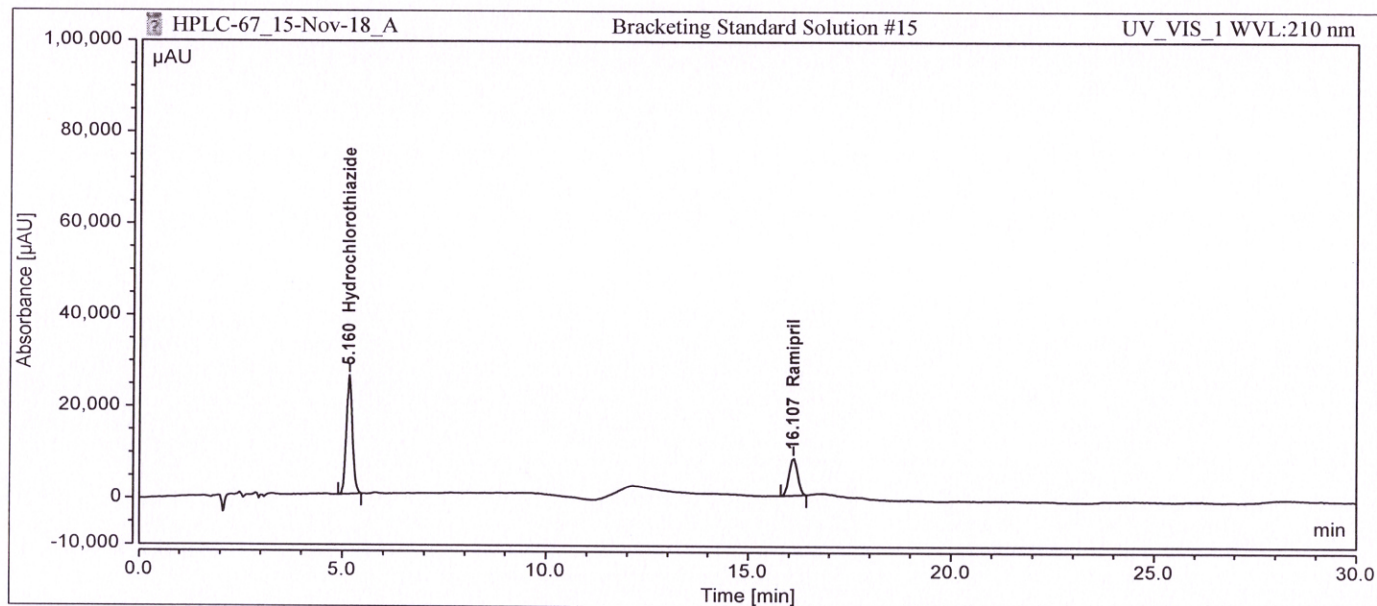


Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Impurity E	14.057	469.278	1.11	1.13	48740	FALSE	n.a.
2	Impurity A	14.633	11490.971	27.14	0.92	22263	FALSE	1.78
3	Ramipril	16.110	1180.251	2.79	1.00	27937	FALSE	3.80
4	Impurity D	23.857	29194.393	68.96	1.17	19916	FALSE	14.59



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Product Name :-	Ramithiazide Tablet	Batch No. :-	N/A
Sample Name :-	Bracketing Standard Solution	AR. No. :-	D2404181993
Sample Number :-	15	Instrument Method :-	HPLC-67_Ramithiazide Tablet_RS_M
Sample Type :-	Unknown	Instrument Method Created By :-	Gauri Rane
Injection Volume :-	30.00 µL	Instrument Method Created On :-	14-11-2018 16:46:54
Vial Position :-	RA2	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 21:49:07	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		



Peak No.	Peak Name	Ret. Time min	Area µAU*min	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
1	Hydrochlorothiazide	5.160	4388.590	68.68	1.17	5971	FALSE	n.a.
2	Ramipril	16.107	2001.274	31.32	1.04	26516	FALSE	33.03



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Product Name :-	Wash method created	Batch No. :-	N/A
Sample Name :-	Wash	AR. No. :-	N/A
Sample Number :-	16	Instrument Method :-	Wash method _HPLC 67_New
Sample Type :-	Unknown	Instrument Method Created By :-	Satish R Dodtale
Injection Volume :-	30.00 µL	Instrument Method Created On :-	11-11-2017 19:41:38
Vial Position :-	RA1	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 22:24:10	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

Channel UV_VIS_1 is not available for injection #16 - Wash.

Peak No.	Peak Name	Ret. Time min	Area n.a.	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
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QBD RESEARCH AND DEVELOPMENT LAB PVT. LTD.

Product Name :-	Shut method	Batch No. :-	N/A
Sample Name :-	Shut	AR. No. :-	N/A
Sample Number :-	17	Instrument Method :-	Shut method _HPLC 67_New-1
Sample Type :-	Unknown	Instrument Method Created By :-	Santosh K Padmere
Injection Volume :-	30.00 µL	Instrument Method Created On :-	09-11-2017 20:07:07
Vial Position :-	RA1	Processing Method :-	Ramithiazide Tablets_RS_PR
Column No. :-	QbD/LC/COL/128	Processing Method Last Updated By :-	Swaraj A. Jadhav
Instrument ID. :-	QbD-INST-HPLC-67	Processing Method Last Updated On :-	16-11-2018 09:31:48
Injection Date & Time :-	15-11-2018 23:29:23	Experiment Name:-	LOD & LOQ Estimation
Analyst :-	Swaraj Jadhav	Wavelength:-	210. nm
Sequence Path :-	Method Validation\Generic Healthcare\Ramithiazide Tablet\Related Substances\HPLC-67_15-Nov-18_A.seq		

Channel UV_VIS_1 is not available for injection #17 - Shut.

Peak No.	Peak Name	Ret. Time min	Area n.a.	Area %	Asymmetry (EP/USP)	Plates (USP)	Manipulated	Resolution (USP)
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