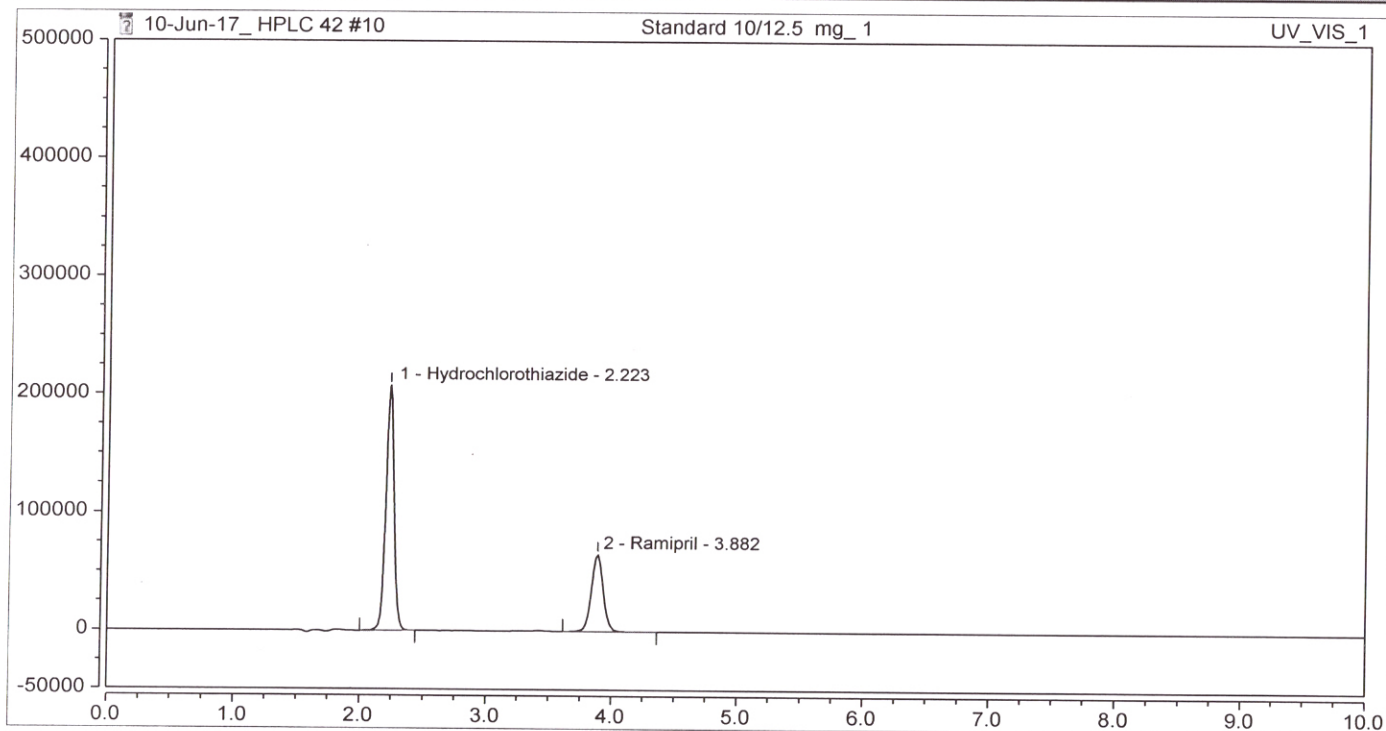


QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard 10/12.5 mg_ 1	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 00:17	Sample Weight:	
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.223	15522.964	5865	1.13	11.60	68.59
2	Ramipril	3.882	7108.906	8371	1.06	n.a.	31.41
Total:							

Pankaj Gurav
21 Jun-17

Default/Integration

Pankaj Gurav
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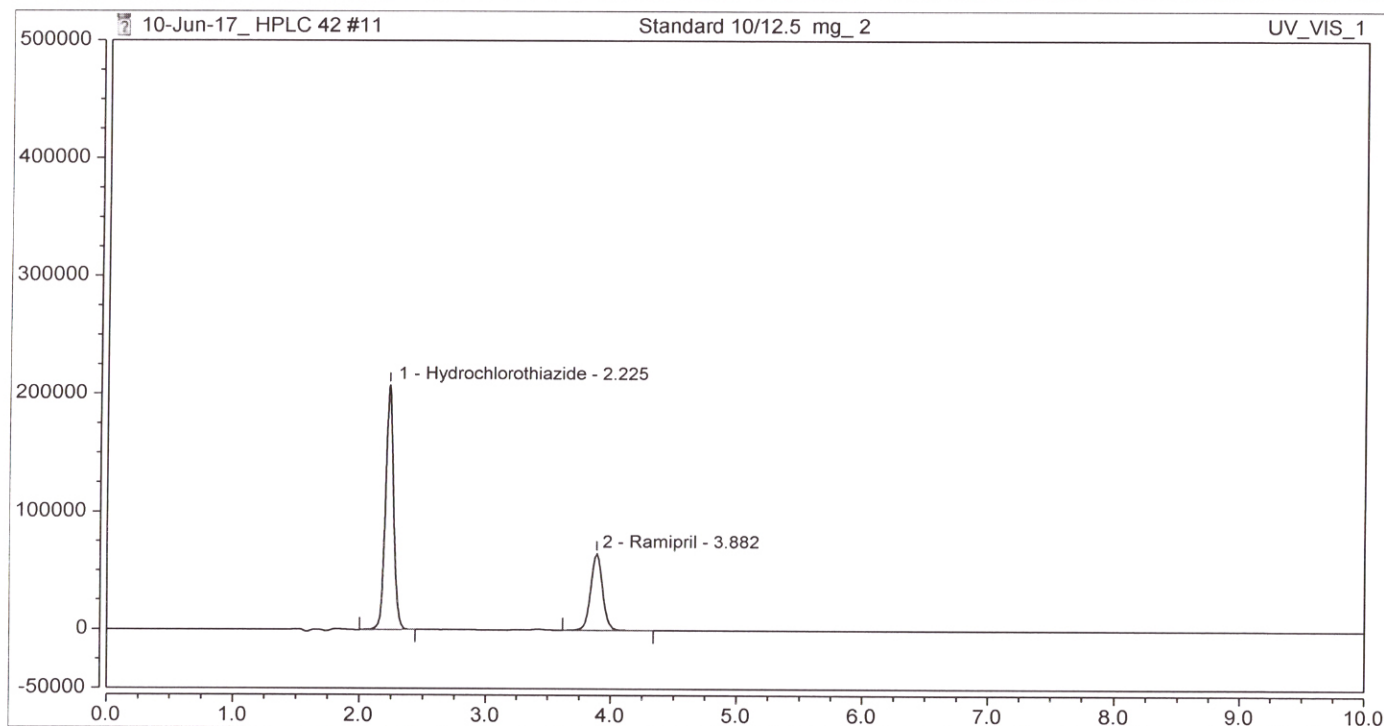
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard 10/12.5 mg_ 2	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 00:29	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15529.755	5872	1.13	11.59	68.61
2	Ramipril	3.882	7106.701	8371	1.07	n.a.	31.39
Total:							

Signature
21 Jun-17

Default/Integration

Signature
21 Jun-17

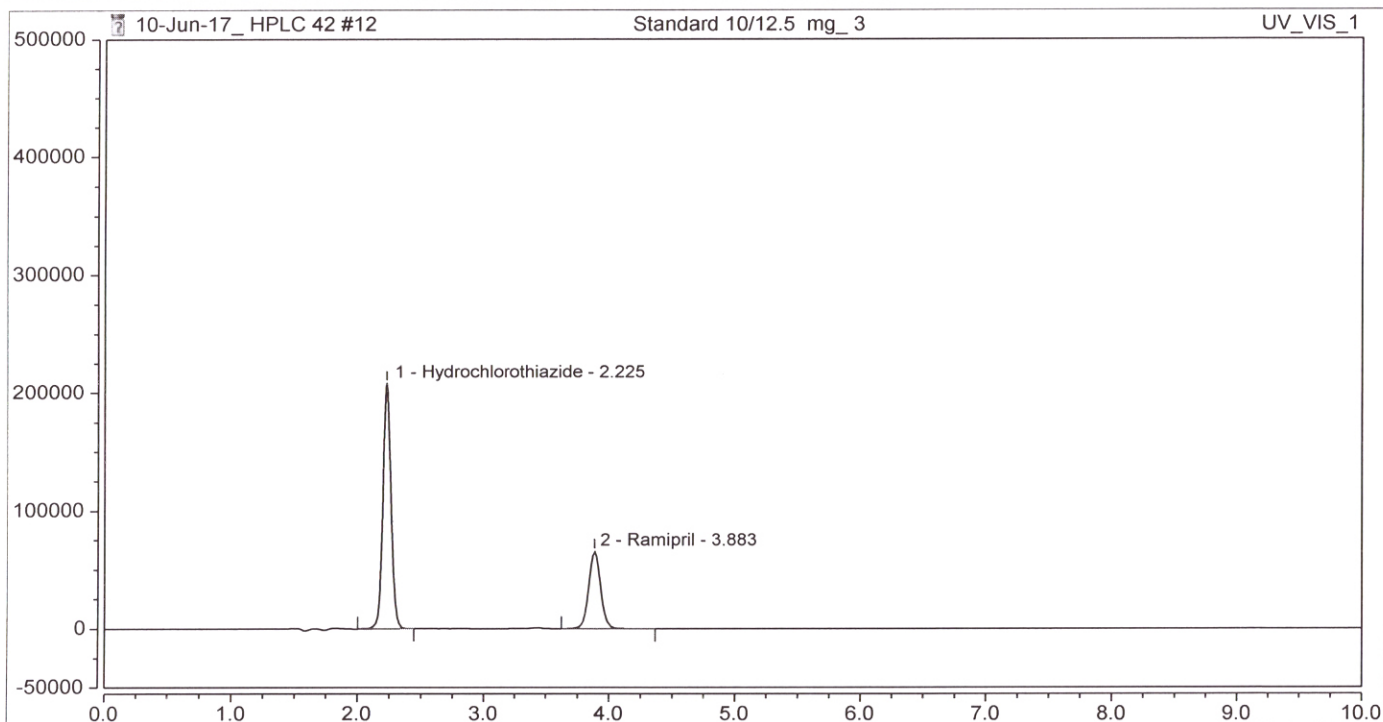
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Standard 10/12.5 mg_3	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 00:40	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15525.629	5902	1.14	11.63	68.61
2	Ramipril	3.883	7101.858	8408	1.06	n.a.	31.39
Total:							

Pankaj Gurav
21-Jun-17

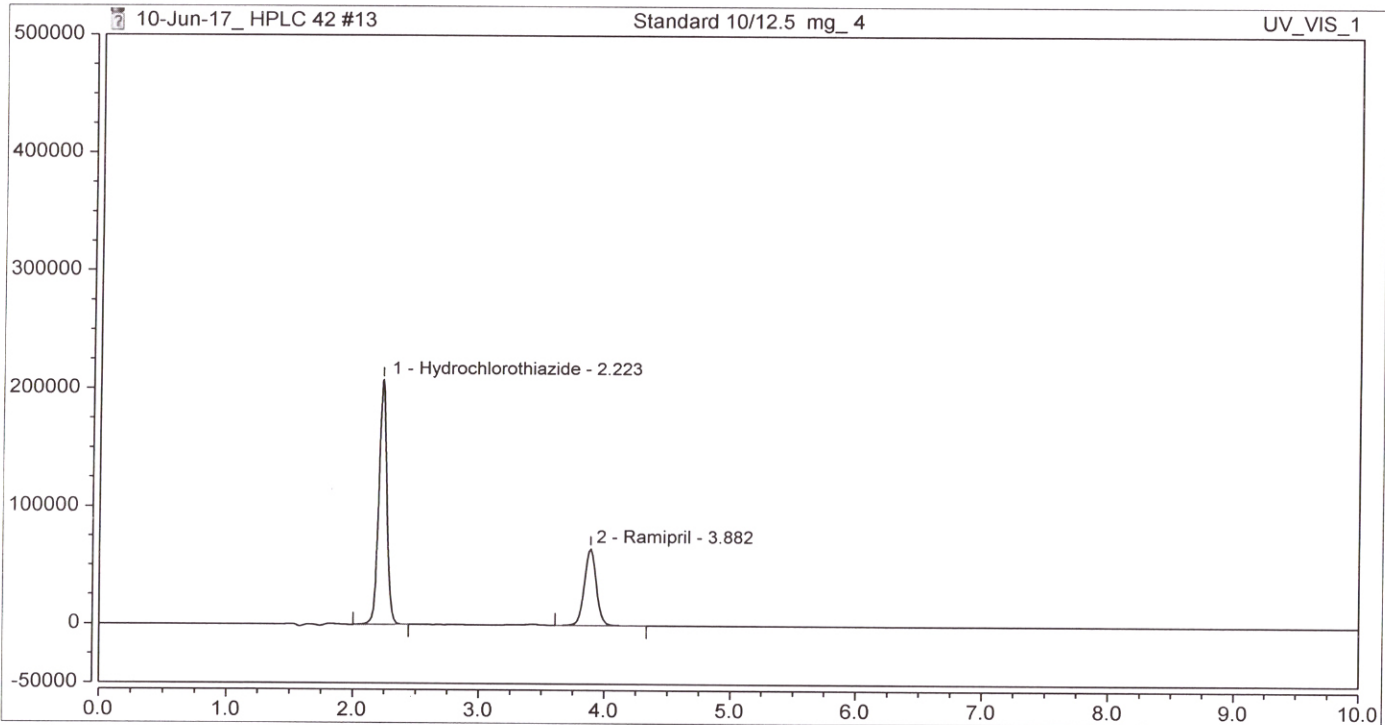
Default/Integration

Original
21-Jun-17

Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.**Injection Details**

Injection Name:	Standard 10/12.5 mg_4	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 00:51	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.223	15531.716	5878	1.14	11.61	68.62
2	Ramipril	3.882	7102.031	8382	1.06	n.a.	31.38
Total:							

Pankaj
21 Jun 17

Default/Integration

Pankaj
22-Jun-17

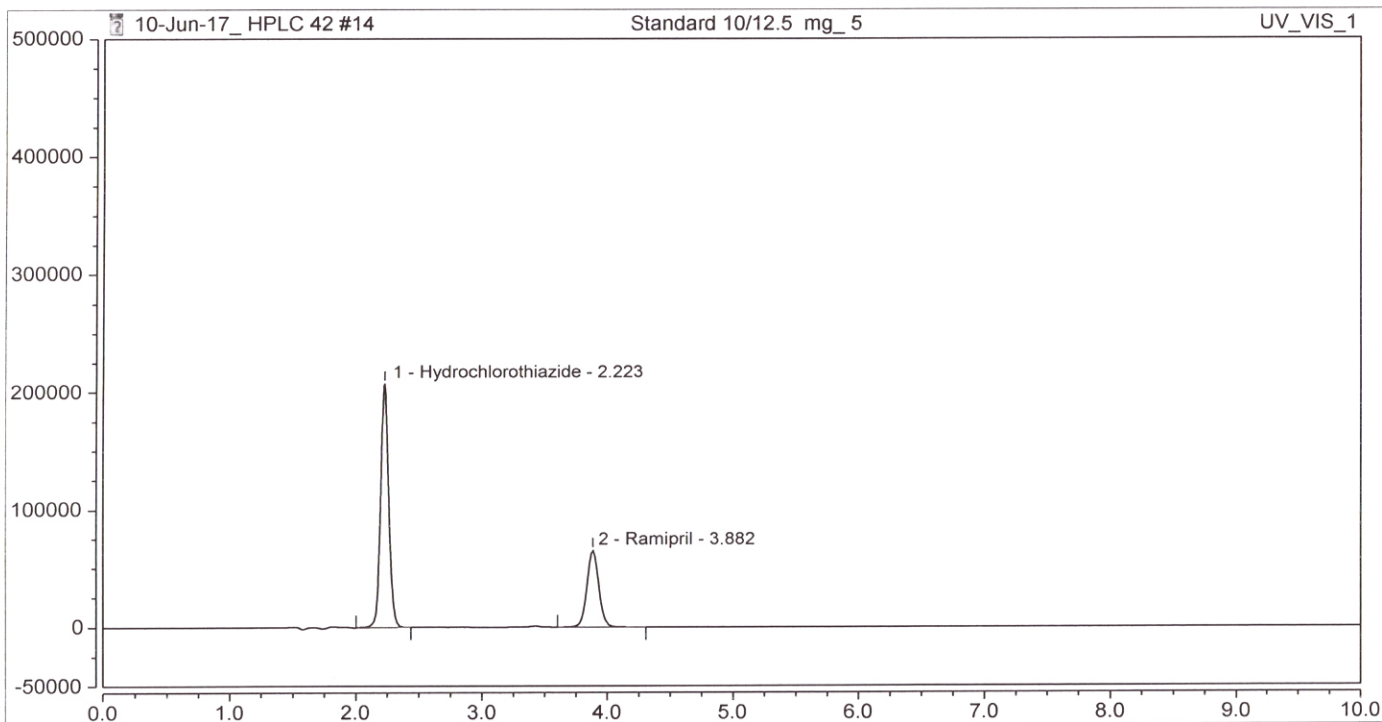
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Standard 10/12.5 mg_ 5	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 01:03	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.223	15526.224	5863	1.14	11.60	68.62
2	Ramipril	3.882	7098.623	8364	1.07	n.a.	31.38
Total:							

Pankaj
21-Jun-17

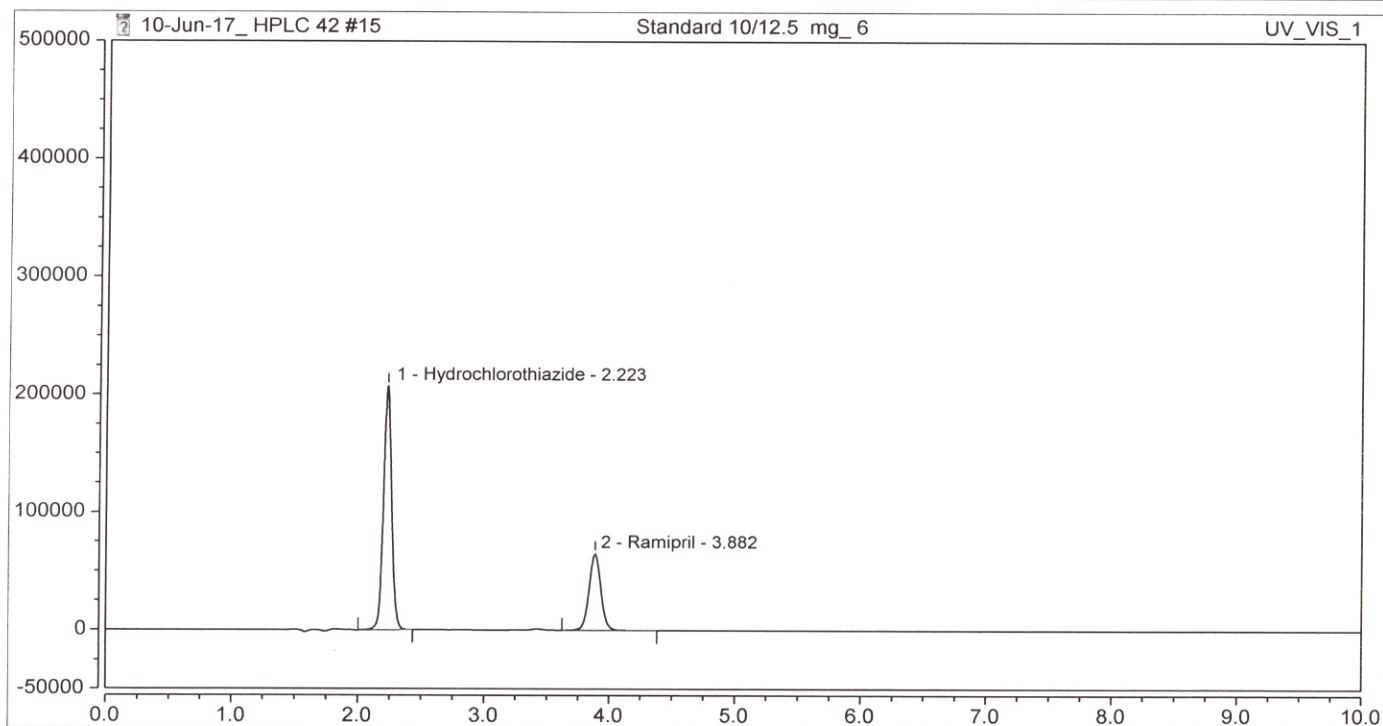
Pankaj
21-Jun-17

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Standard 10/12.5 mg_ 6	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 01:14	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

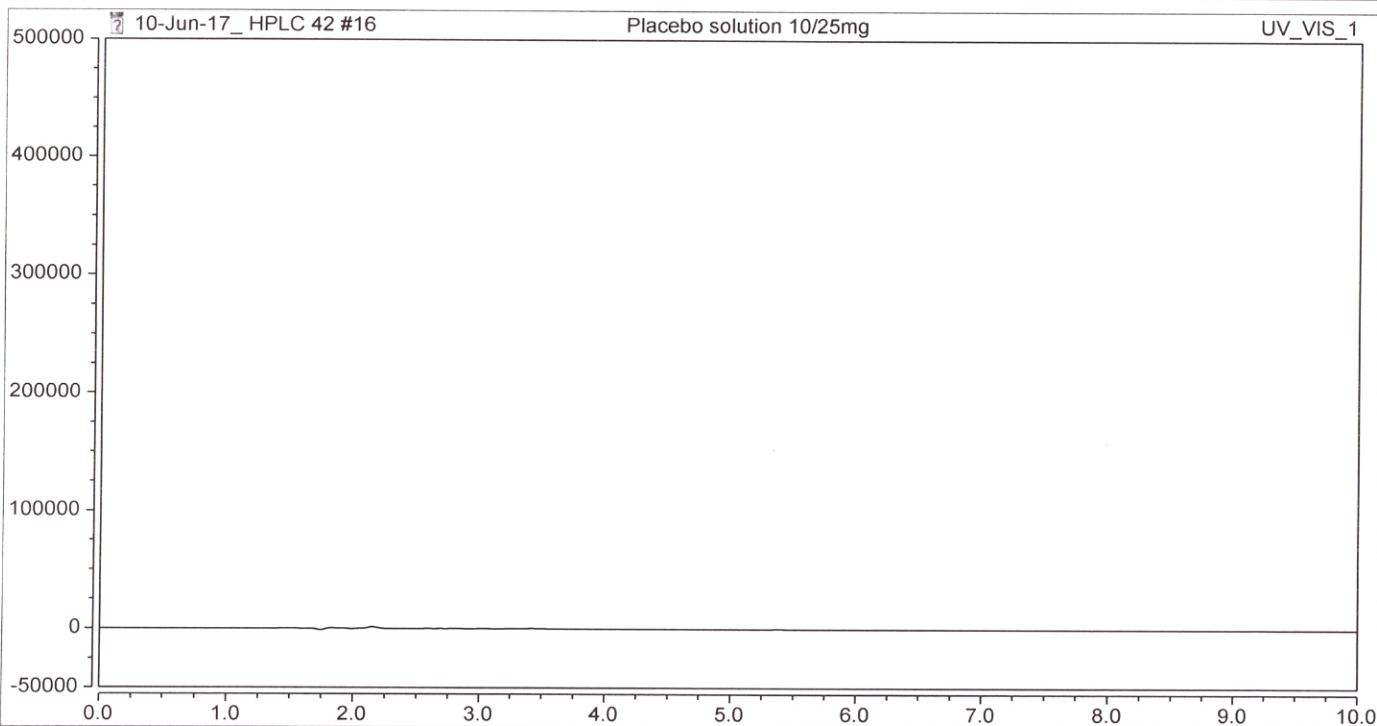
No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.223	15534.615	5865	1.13	11.60	68.63
2	Ramipril	3.882	7101.488	8358	1.06	n.a.	31.37
Total:							

Pankaj Gurav
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Pankaj Gurav
22-Jun-17

QbD Research & Developement Pvt.Ltd.**Injection Details**

Injection Name:	Placebo solution 10/25mg	Run Time (min):	10.00
Vial Number:	1_4	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 01:25	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

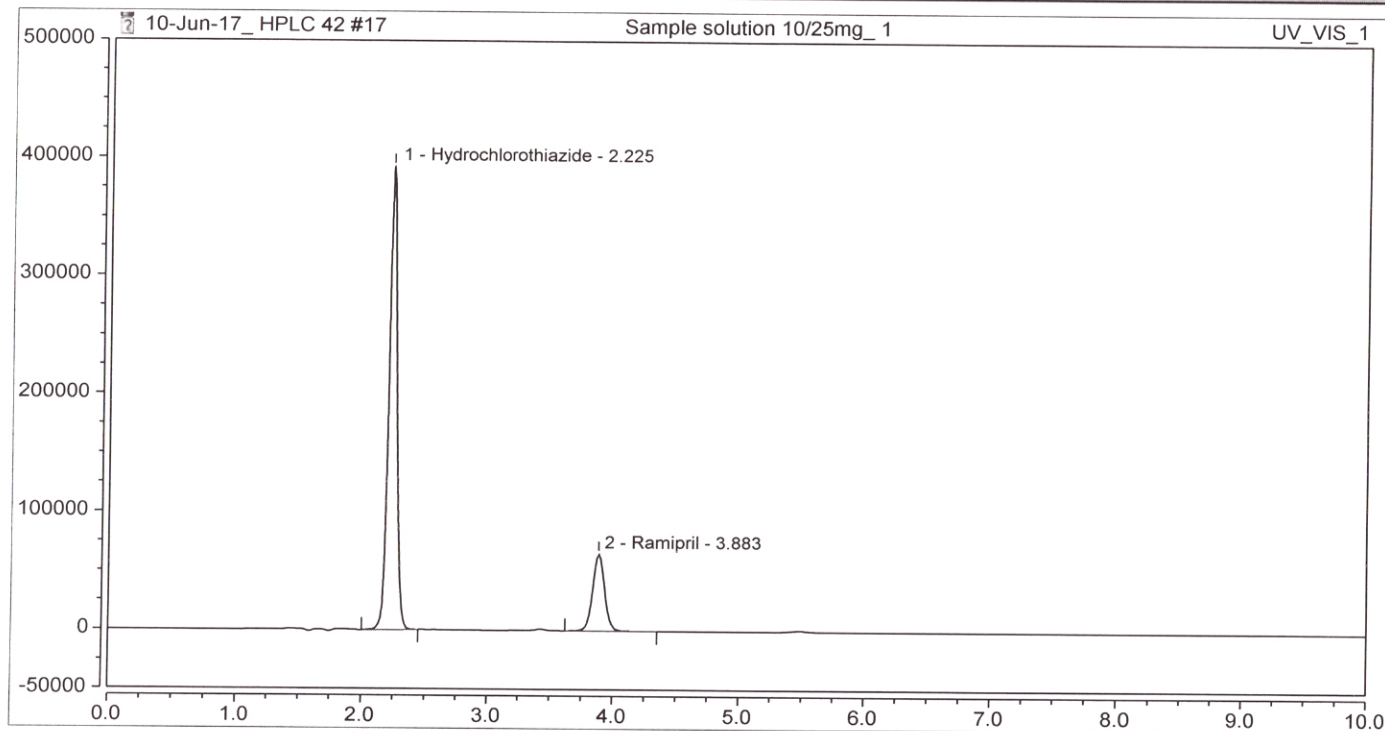
No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
Total:							

Pankaj
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Pankaj
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QbD Research & Development Pvt.Ltd.**Injection Details**

Injection Name:	Sample solution 10/25mg_ 1	Run Time (min):	10.00
Vial Number:	1_5	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 01:36	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

No.	Peak Name	Retention Time min	Area μ AU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29503.345	5797	1.13	11.56	80.55
2	Ramipril	3.883	7122.542	8336	1.06	n.a.	19.45
Total:							

Pankaj Gurav
21-Jun-17

Default/Integration

Pankaj Gurav
22-Jun-17

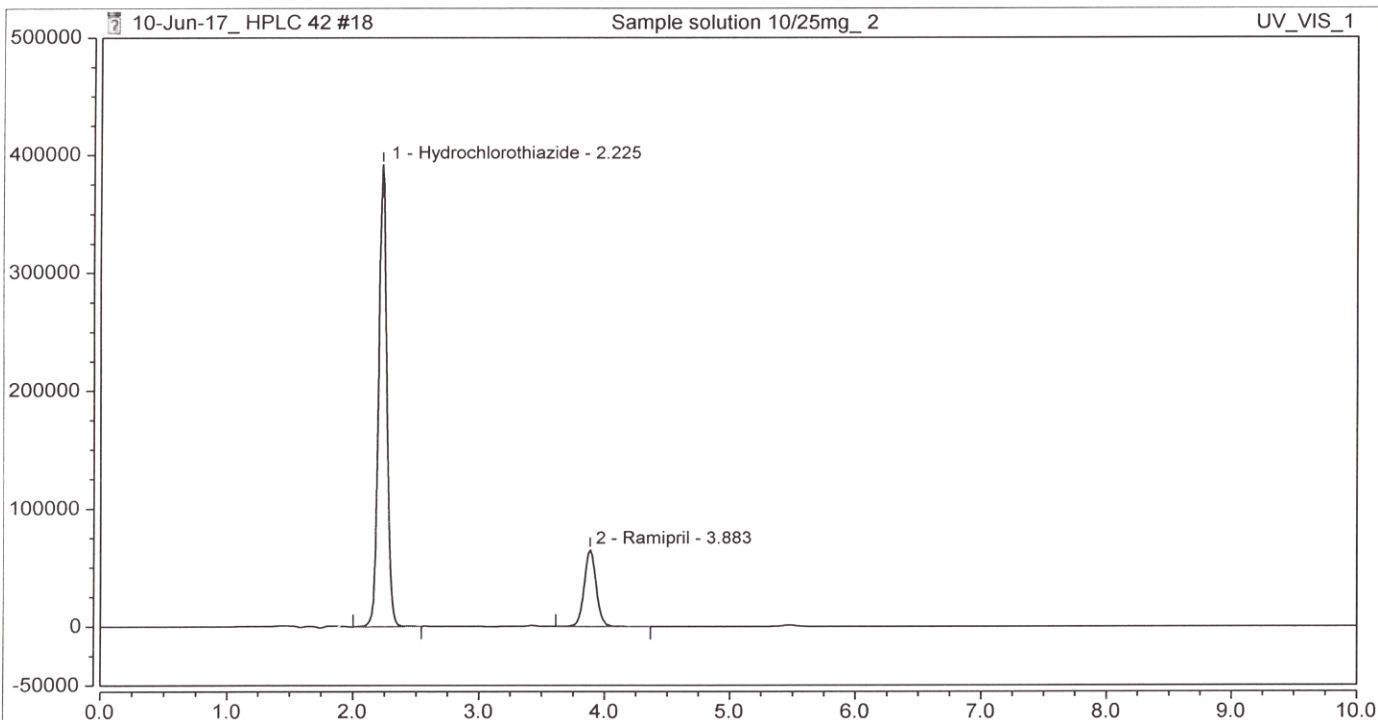
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/25mg_ 2	Run Time (min):	10.00
Vial Number:	1_6	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 01:48	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

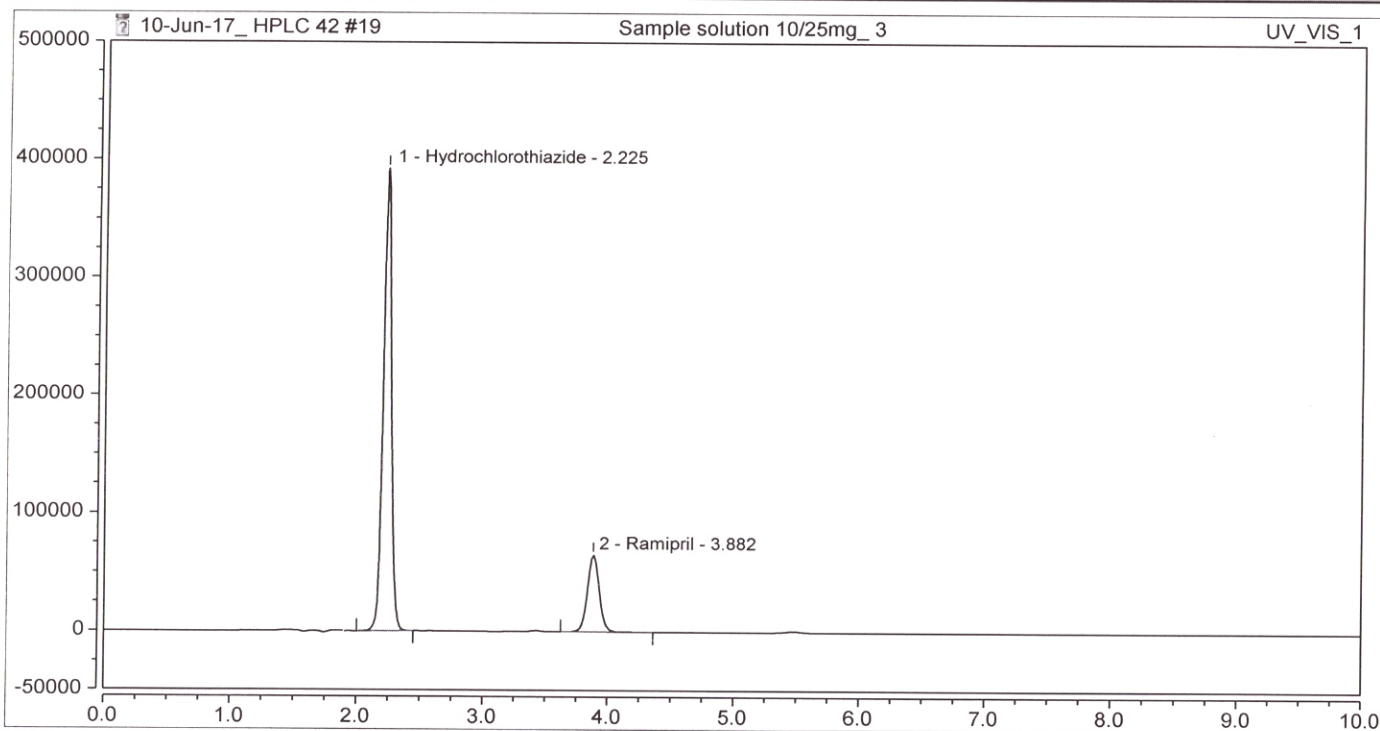
No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29483.484	5779	1.13	11.54	80.55
2	Ramipril	3.883	7119.263	8321	1.06	n.a.	19.45
Total:							

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/25mg_ 3	Run Time (min):	10.00
Vial Number:	1_7	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 01:59	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29462.967	5796	1.12	11.54	80.54
2	Ramipril	3.882	7116.801	8332	1.07	n.a.	19.46
Total:							

21-Jun-17

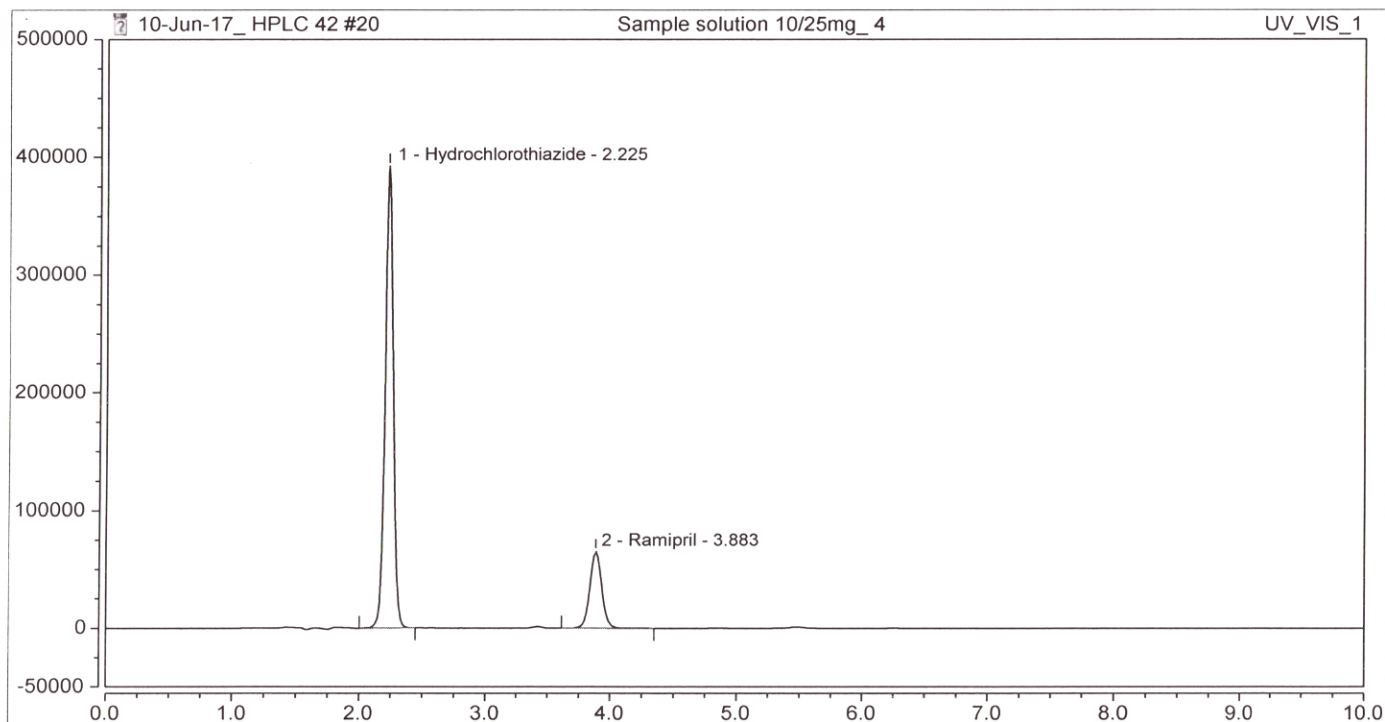
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/25mg_ 4	Run Time (min):	10.00
Vial Number:	1_8	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 02:10	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29499.358	5764	1.14	11.53	80.53
2	Ramipril	3.883	7130.428	8295	1.06	n.a.	19.47
Total:							

Pankaj Gurav
21 Jun-17

Default/Integration

Pankaj Gurav
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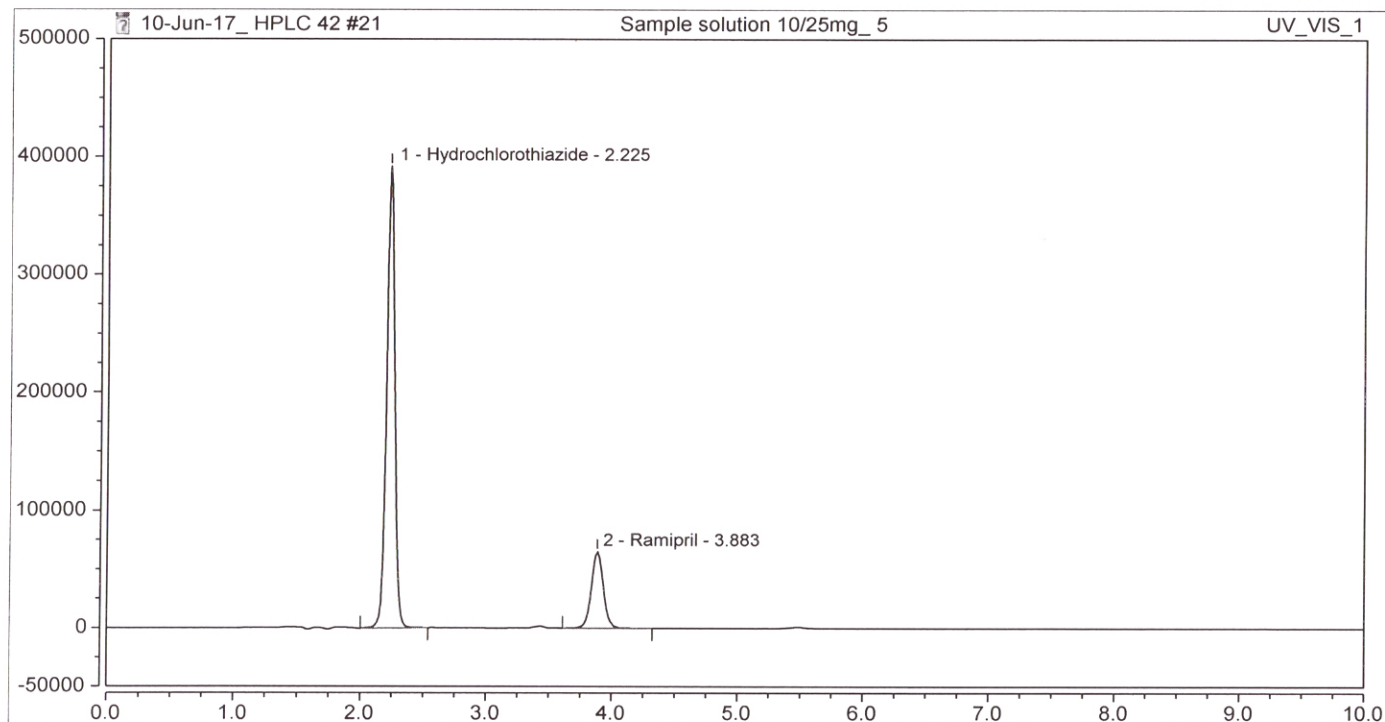
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/25mg_ 5	Run Time (min):	10.00
Vial Number:	1_9	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 02:21	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29512.245	5770	1.13	11.53	80.57
2	Ramipril	3.883	7118.175	8303	1.06	n.a.	19.43
Total:							

Pankaj Gurav
21 Jun-17

Default/Integration

Pankaj Gurav
21 Jun-17

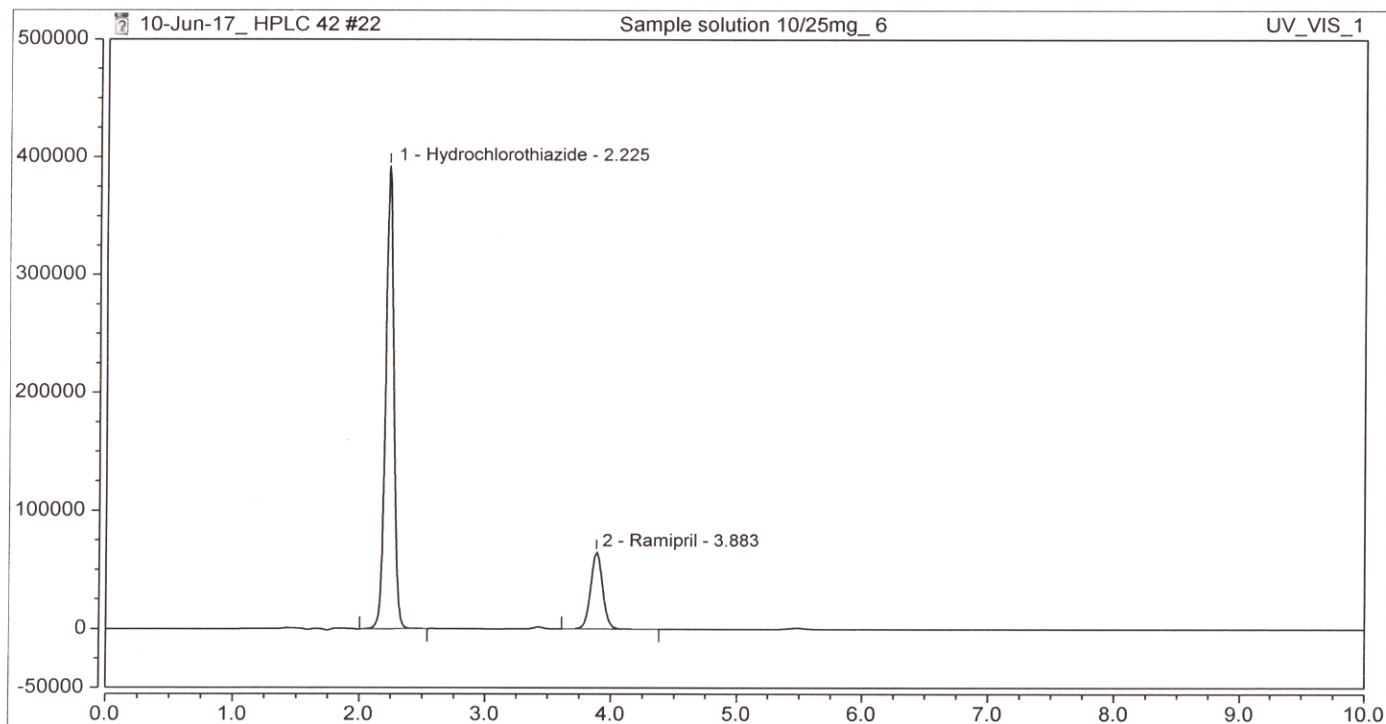
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/25mg_ 6	Run Time (min):	10.00
Vial Number:	1_10	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 02:33	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29534.488	5773	1.14	11.53	80.57
2	Ramipril	3.883	7120.850	8308	1.06	n.a.	19.43
Total:							

Pankaj Gurav
21-Jun-17

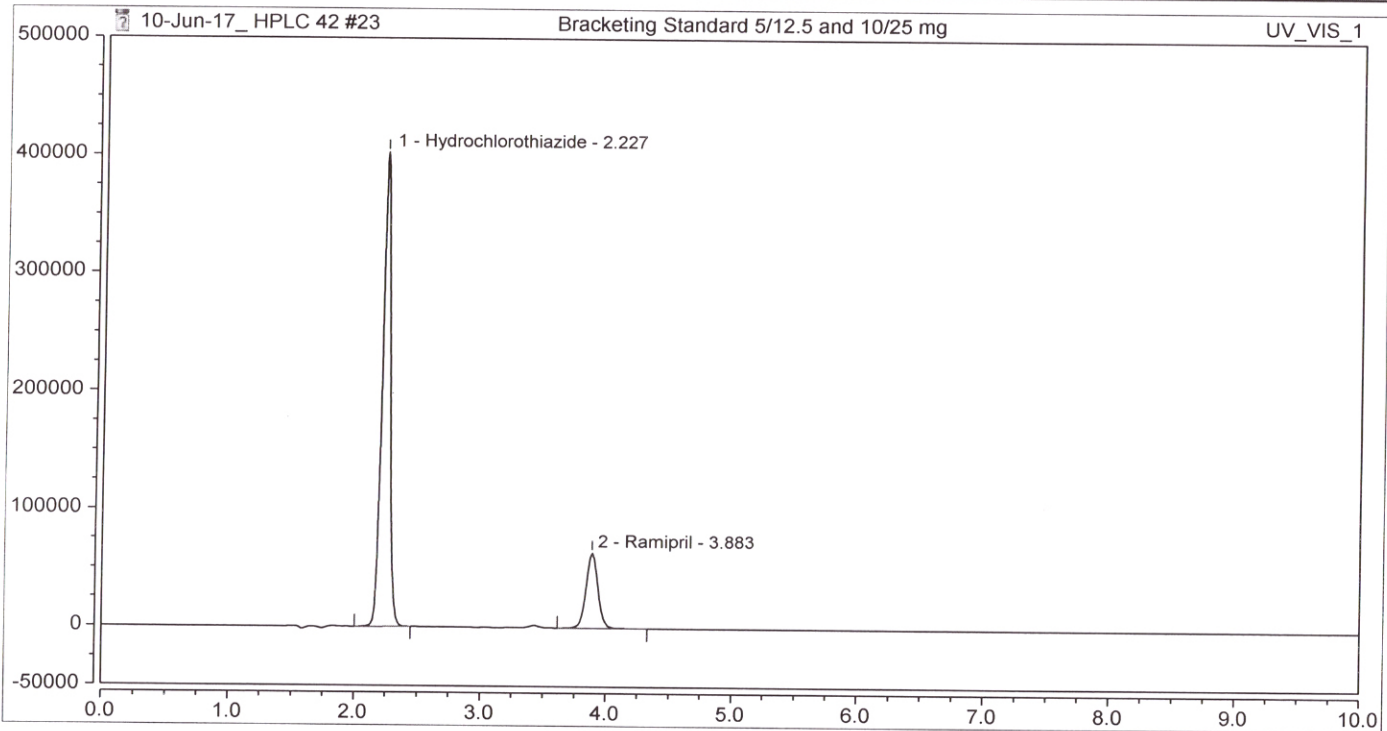
Default/Integration

Pankaj Gurav
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Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.**Injection Details**

Injection Name:	Bracketing Standard 5/12.5 and 10/25 mg	Run Time (min):	10.00
Vial Number:	1_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 02:44	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.227	29933.940	5859	1.14	11.58	81.10
2	Ramipril	3.883	6976.522	8376	1.07	n.a.	18.90
Total:							

Pankaj Gurav
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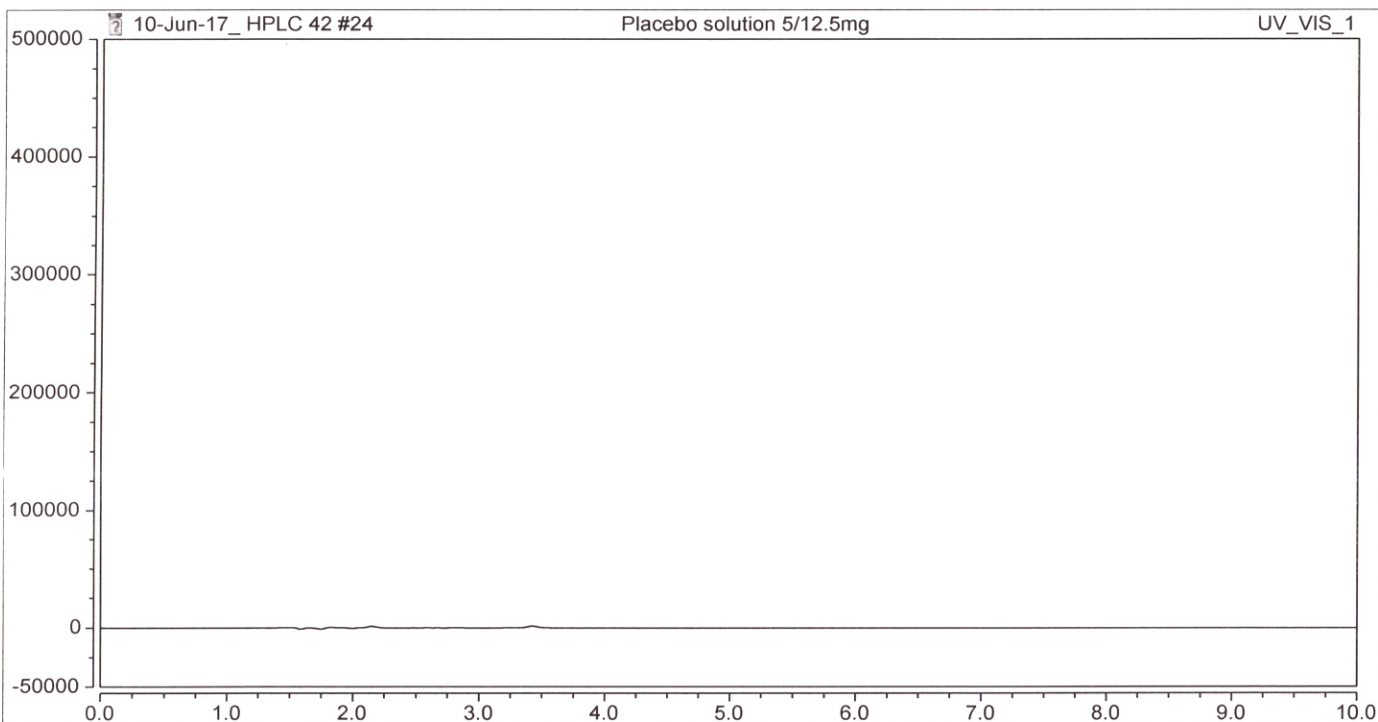
Default/Integration

Pankaj Gurav
22-Jun-17

Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.**Injection Details**

Injection Name:	Placebo solution 5/12.5mg	Run Time (min):	10.00
Vial Number:	1_11	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 02:55	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
Total:							

Pankaj Gurav
21-Jun-17

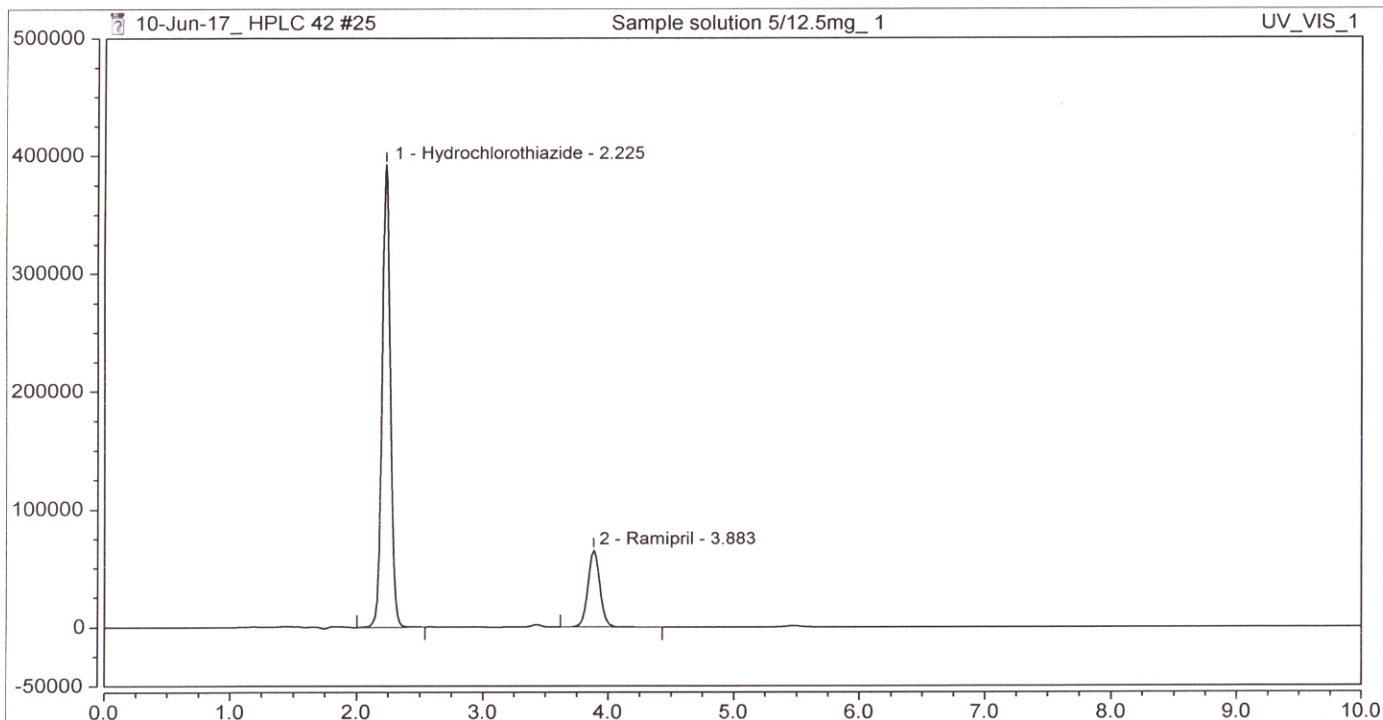
Pankaj Gurav
22-Jun-17

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 5/12.5mg_ 1	Run Time (min):	10.00
Vial Number:	1_12	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 03:07	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29565.134	5759	1.14	11.52	80.57
2	Ramipril	3.883	7130.849	8280	1.06	n.a.	19.43
Total:							

Pankaj Gurav
21-Jun-17

Default/Integration

Pankaj Gurav
22-Jun-17

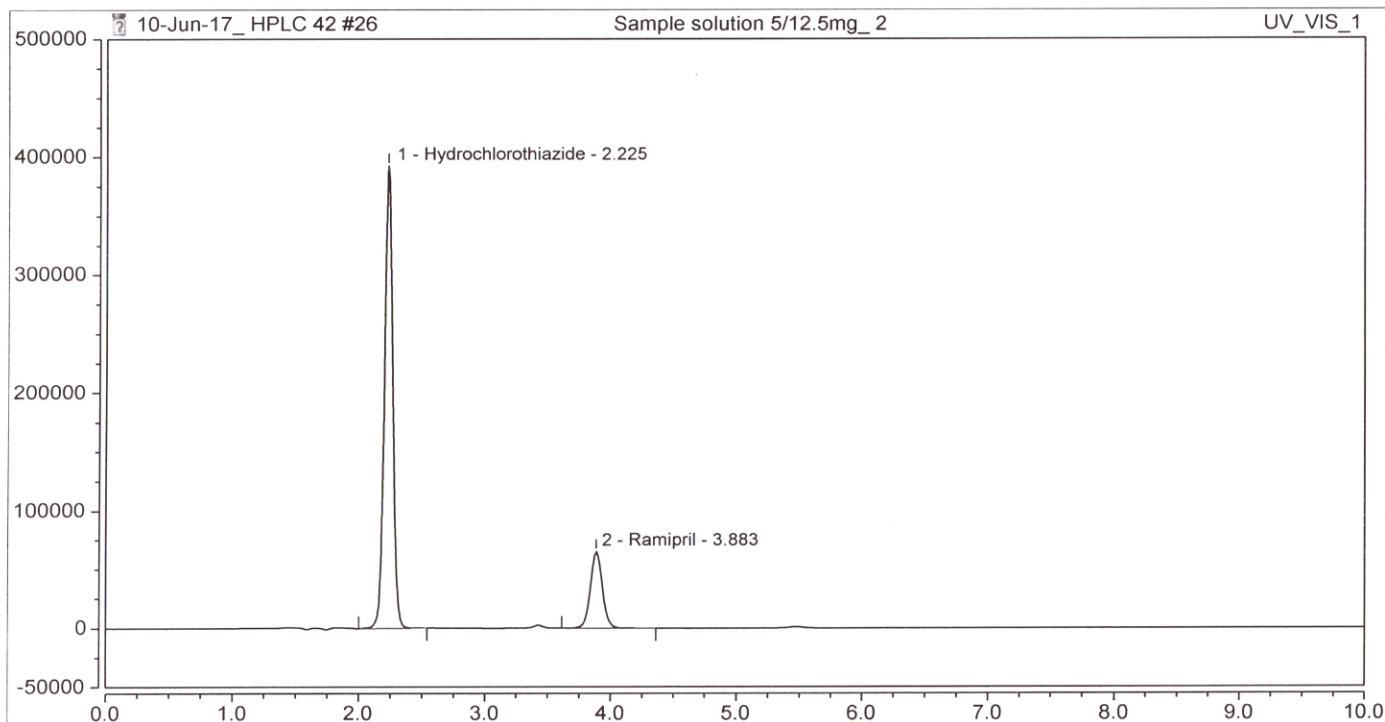
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 5/12.5mg_ 2	Run Time (min):	10.00
Vial Number:	1_13	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 03:18	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29626.454	5754	1.14	11.51	80.59
2	Ramipril	3.883	7135.219	8277	1.07	n.a.	19.41
Total:							

Pankaj Gurav
21-Jun-17
Default/Integration

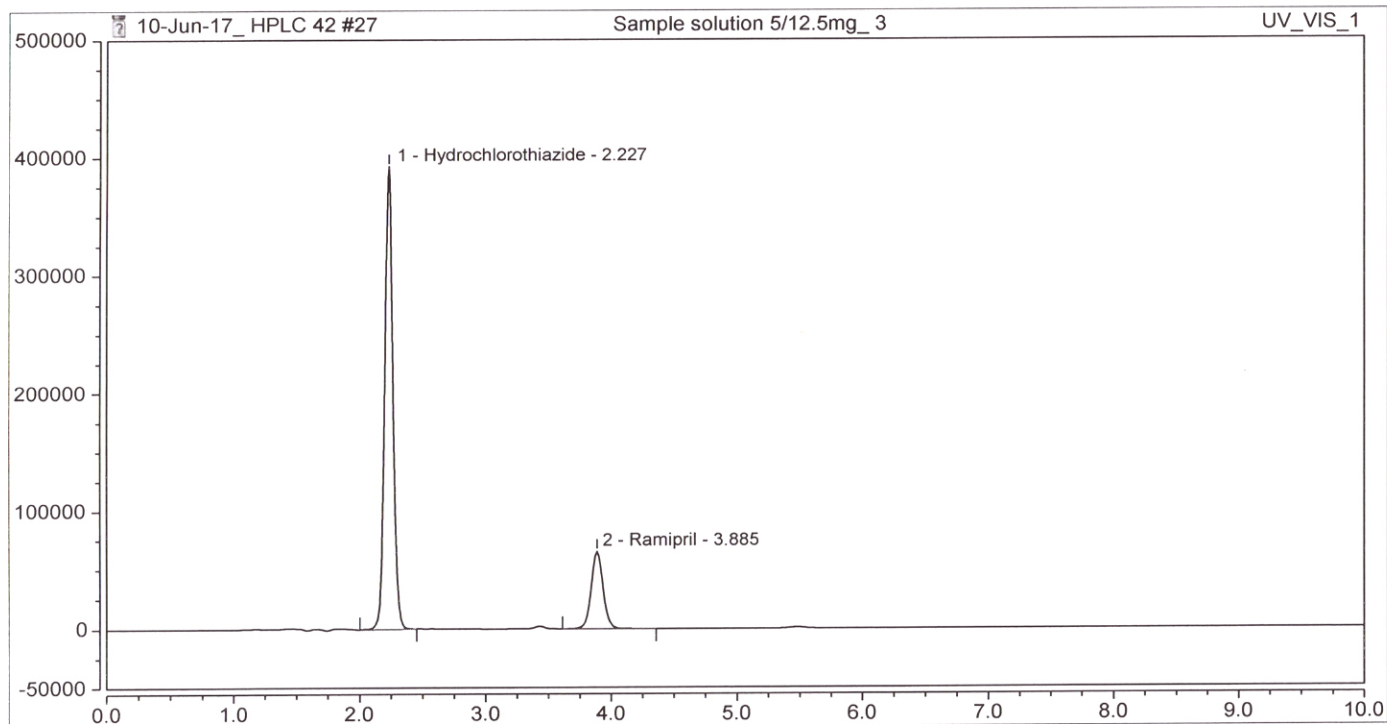
Pankaj Gurav
21-Jun-17
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 5/12.5mg_ 3	Run Time (min):	10.00
Vial Number:	1_14	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 03:29	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.227	29548.641	5758	1.12	11.51	80.54
2	Ramipril	3.885	7138.142	8270	1.06	n.a.	19.46
Total:							

Pankaj Gurav
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Default/Integration

Pankaj Gurav
22-Jun-17

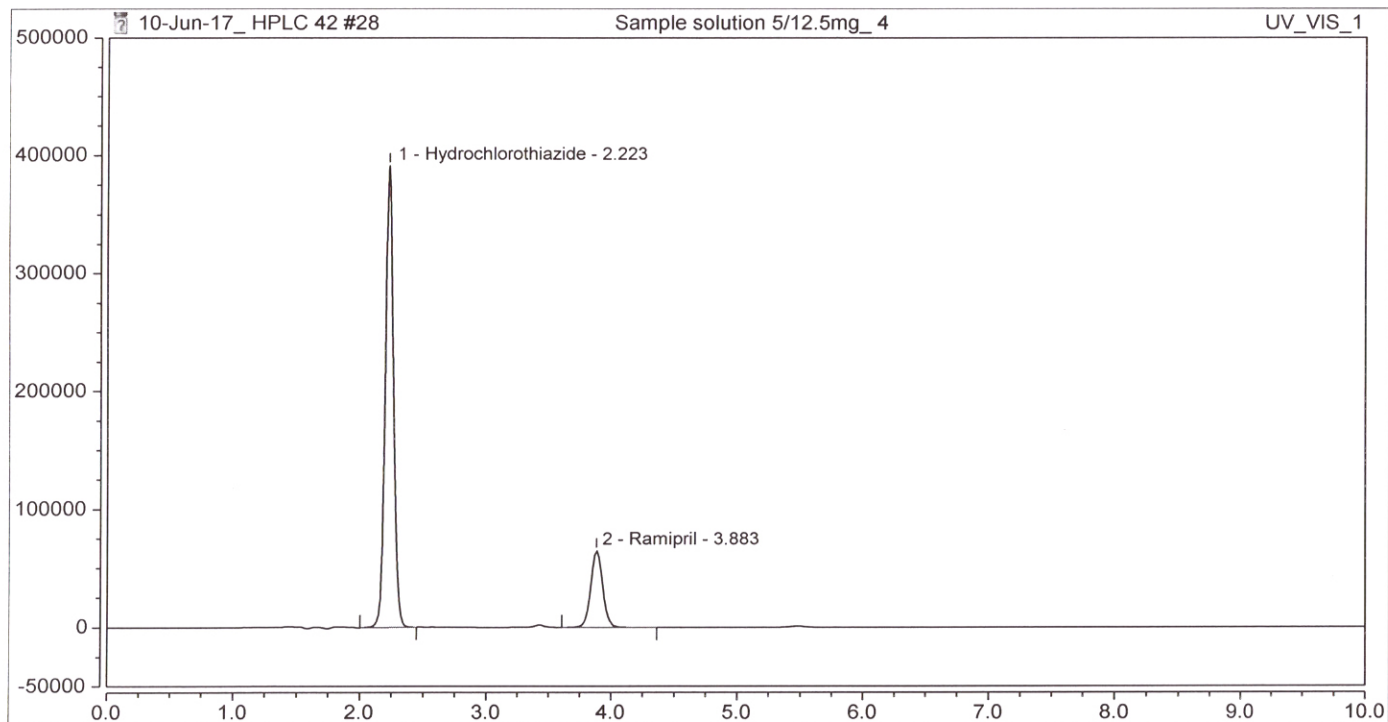
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 5/12.5mg_ 4	Run Time (min):	10.00
Vial Number:	1_15	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 03:40	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.223	29467.116	5743	1.15	11.52	80.55
2	Ramipril	3.883	7116.769	8263	1.05	n.a.	19.45
Total:							

Pankaj Gurav
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Default/Integration

Pankaj Gurav
21-Jun-17

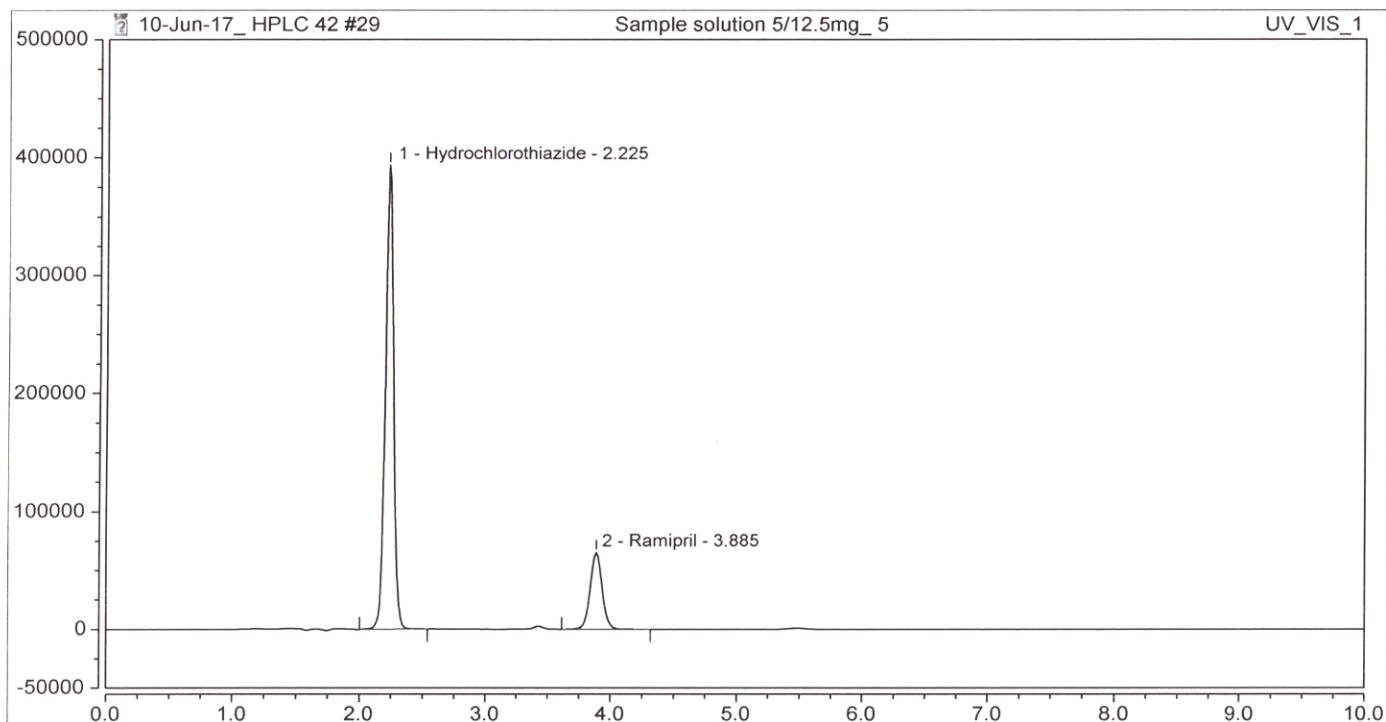
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 5/12.5mg_ 5	Run Time (min):	10.00
Vial Number:	1_16	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 03:52	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29706.000	5753	1.14	11.52	80.58
2	Ramipril	3.885	7160.037	8270	1.05	n.a.	19.42
Total:							

Pankaj
21 Jun-17

Default/Integration

Pankaj
22 Jun-17

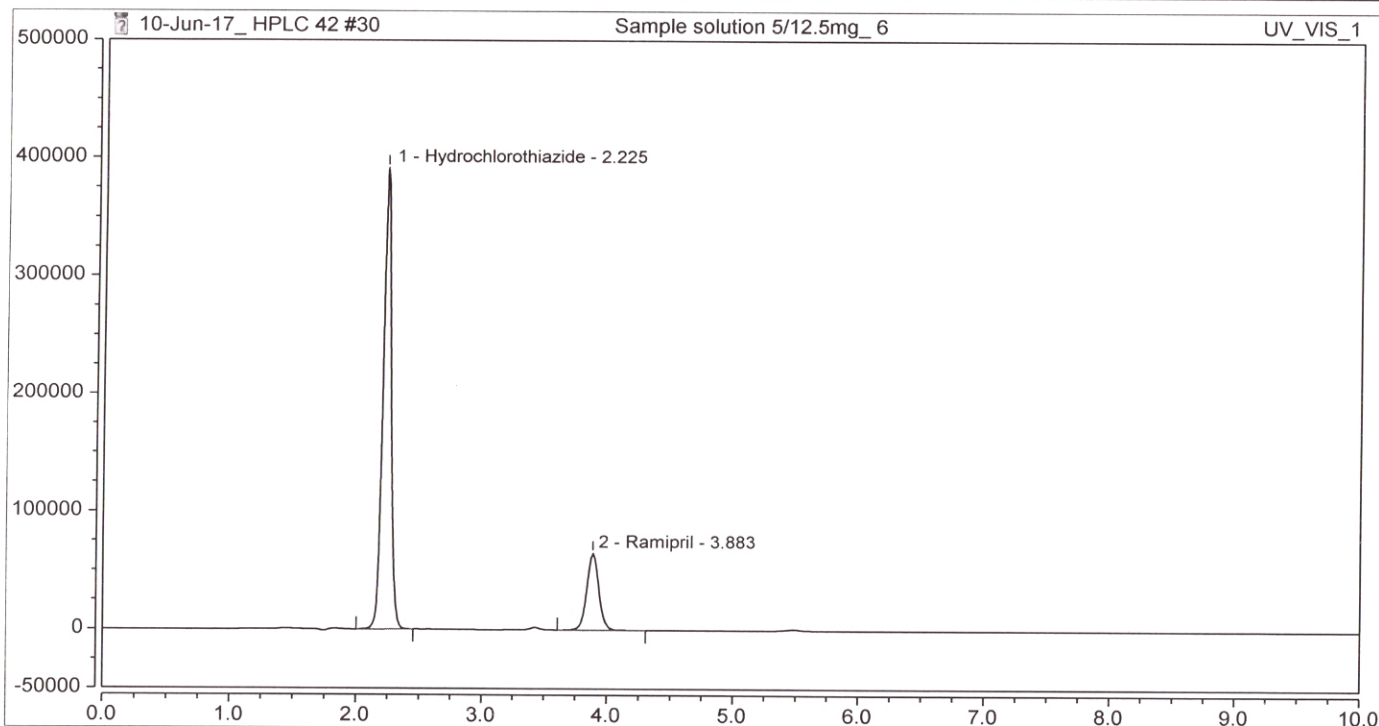
Chromleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 5/12.5mg_ 6	Run Time (min):	10.00
Vial Number:	1_17	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 04:03	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29503.873	5750	1.14	11.50	80.55
2	Ramipril	3.883	7124.497	8248	1.07	n.a.	19.45
Total:							

Pankaj Gurav
21 Jun 17

Default/Integration

Pankaj Gurav
21 Jun 17

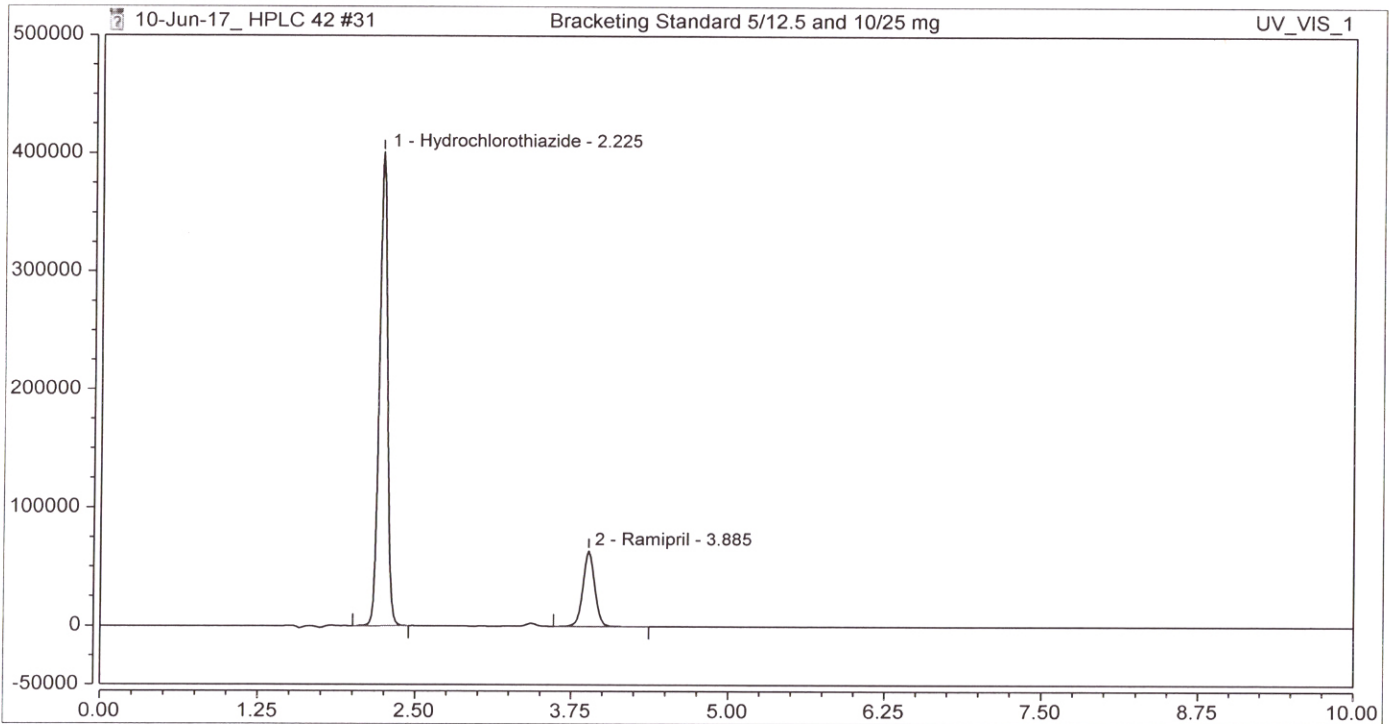
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Bracketing Standard 5/12.5 and 10/25 mg	Run Time (min):	10.00
Vial Number:	1_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 04:14	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	29921.600	5809	1.15	11.56	81.11
2	Ramipril	3.885	6970.737	8302	1.05	n.a.	18.89
Total:							

21-Jun-17

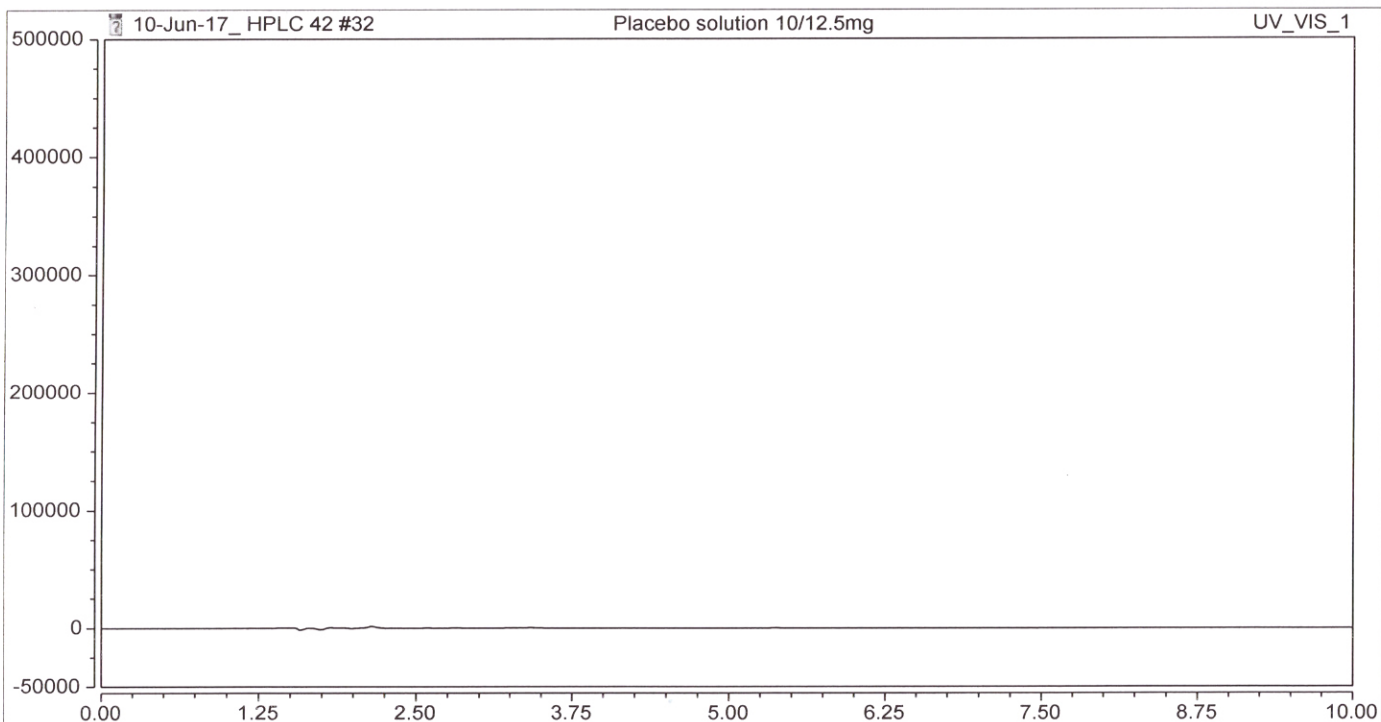
Default/Integration

22-Jun-17

Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.**Injection Details**

Injection Name:	Placebo solution 10/12.5mg	Run Time (min):	10.00
Vial Number:	1_18	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 04:25	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

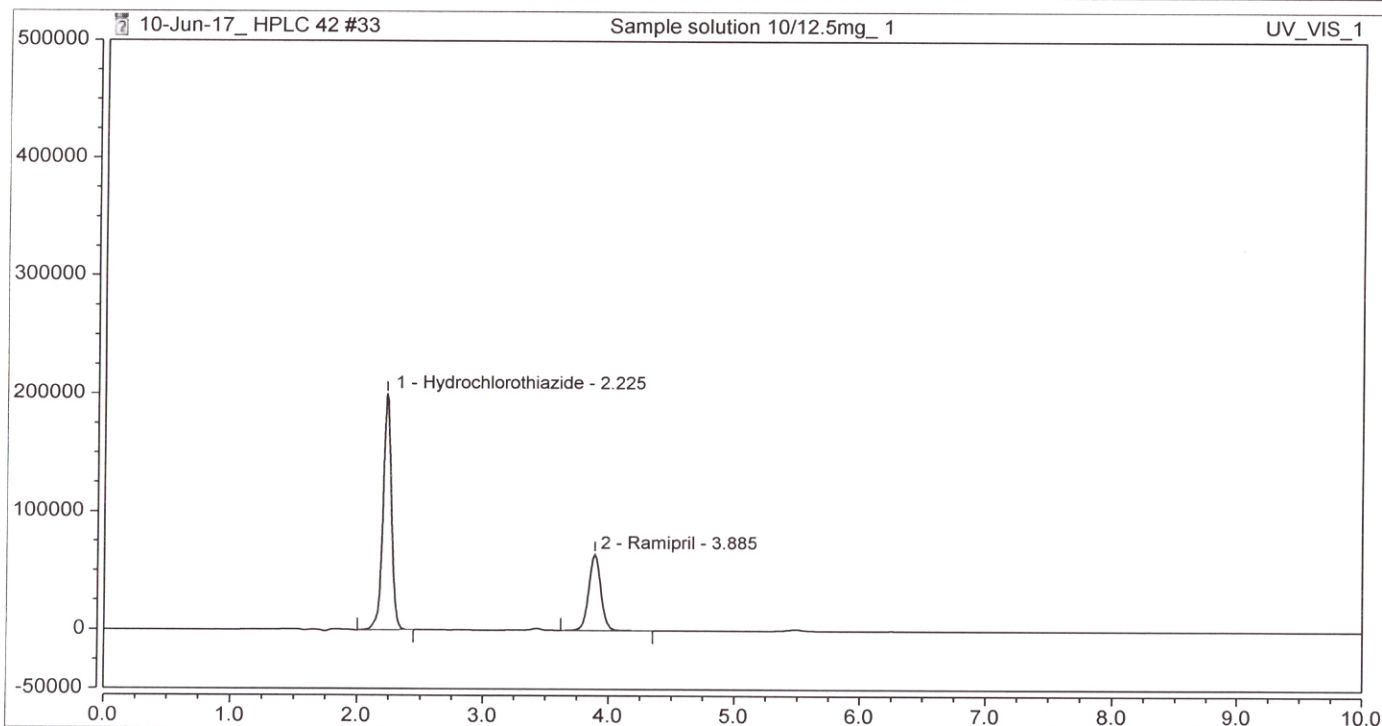
No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
Total:							

Pankaj Gurav
21-Jun-17

Pankaj Gurav
21-Jun-17

QbD Research & Development Pvt.Ltd.**Injection Details**

Injection Name:	Sample solution 10/12.5mg_ 1	Run Time (min):	10.00
Vial Number:	1_19	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 04:37	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

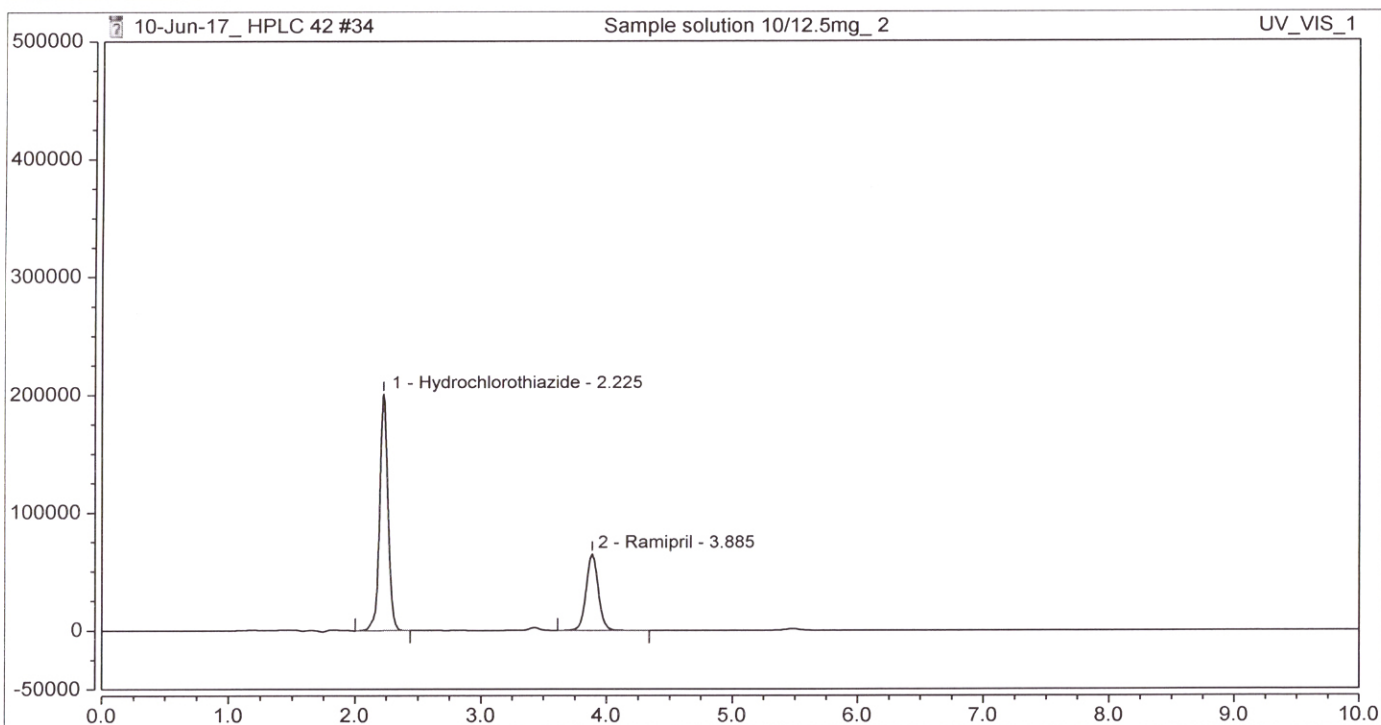
No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15452.158	5693	1.04	11.46	68.45
2	Ramipril	3.885	7121.486	8195	1.06	n.a.	31.55
Total:							

Pankaj
21-Jun-17

Pankaj
21-Jun-17

QbD Research & Development Pvt.Ltd.**Injection Details**

Injection Name:	Sample solution 10/12.5mg_ 2	Run Time (min):	10.00
Vial Number:	1_20	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 04:48	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram**Integration Results**

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15470.739	5719	1.03	11.48	68.45
2	Ramipril	3.885	7129.698	8213	1.05	n.a.	31.55
Total:							

Pankaj Gurav
21-Jun-17

Default/Integration

Pankaj Gurav
21-Jun-17

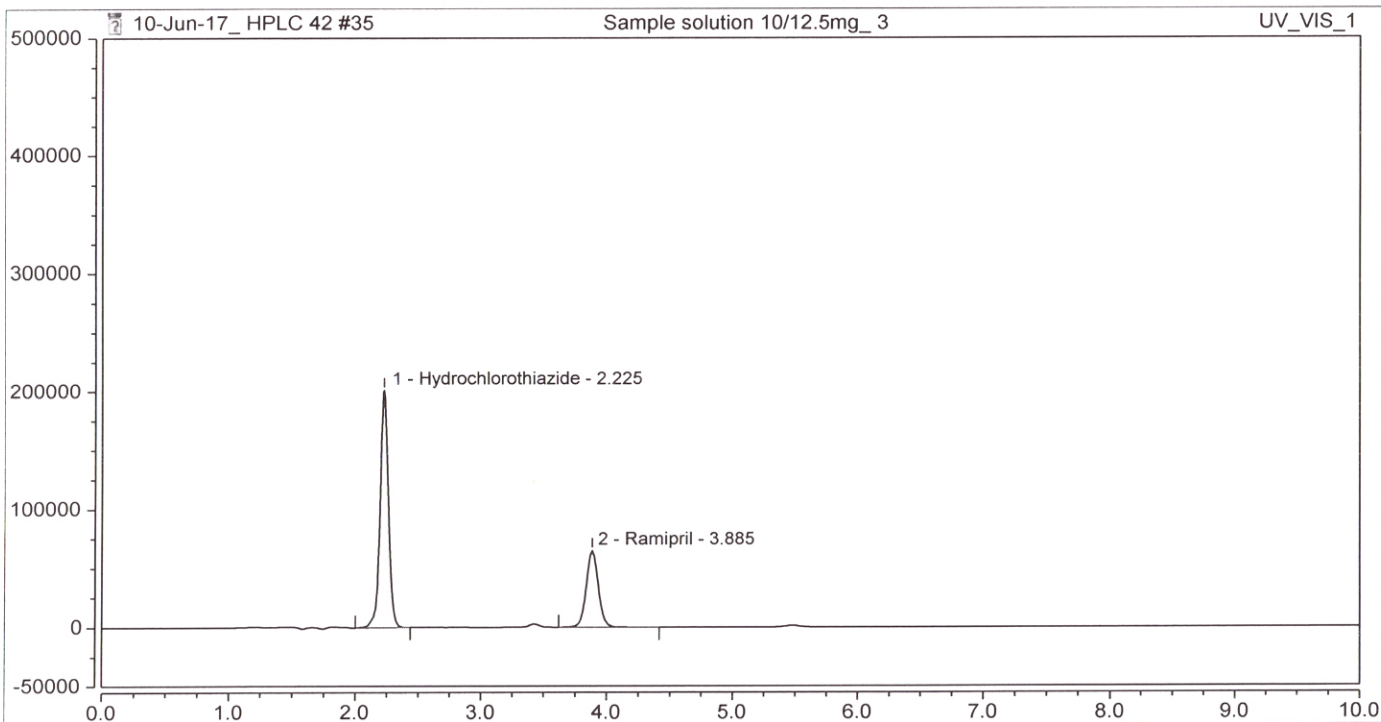
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/12.5mg_ 3	Run Time (min):	10.00
Vial Number:	1_21	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 04:59	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area $\mu\text{AU} \cdot \text{min}$	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15490.150	5725	1.03	11.49	68.45
2	Ramipril	3.885	7139.473	8217	1.05	n.a.	31.55
Total:							

Pankaj Gurav
21 Jun 17

Default/Integration

Pankaj Gurav
21 Jun 17

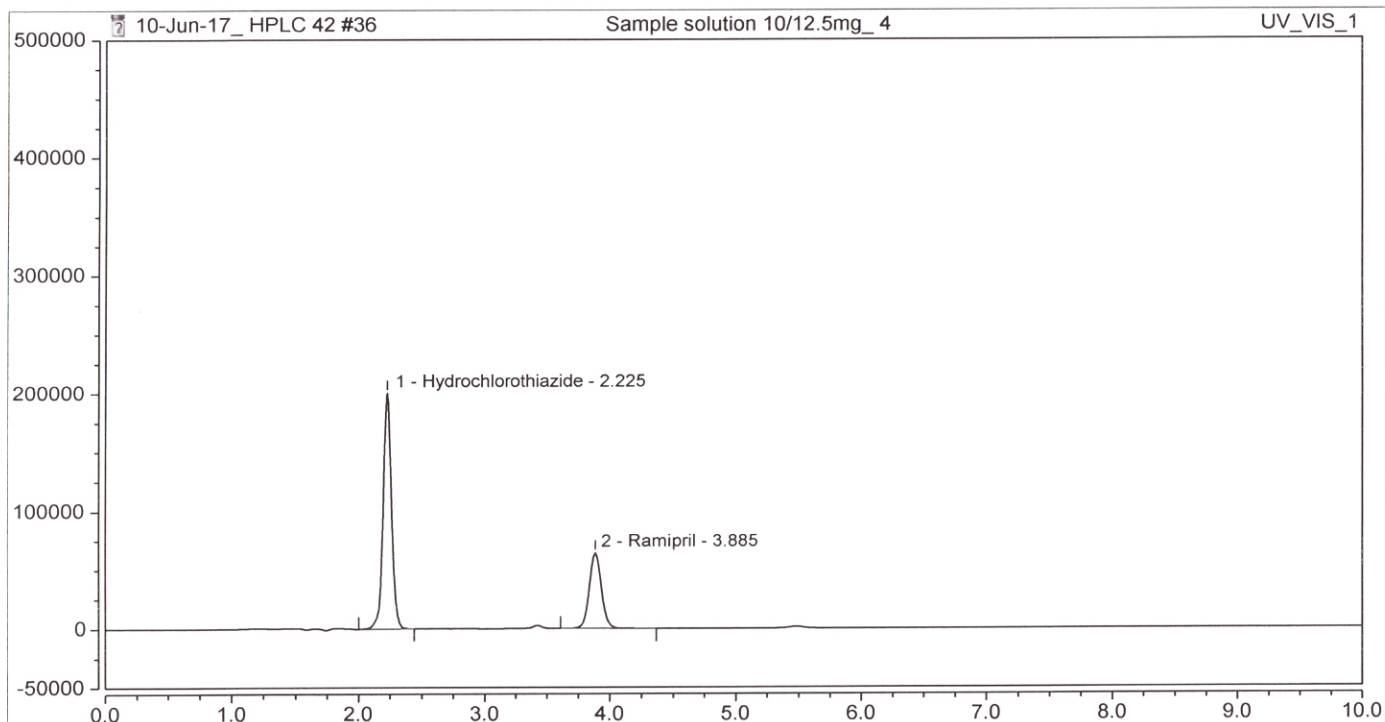
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/12.5mg_ 4	Run Time (min):	10.00
Vial Number:	1_22	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 05:11	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15432.785	5713	1.04	11.47	68.44
2	Ramipril	3.885	7115.849	8198	1.05	n.a.	31.56
Total:							

Pankaj Gurav
21-Jun-17

Default/Integration

Pankaj Gurav
22-Jun-17

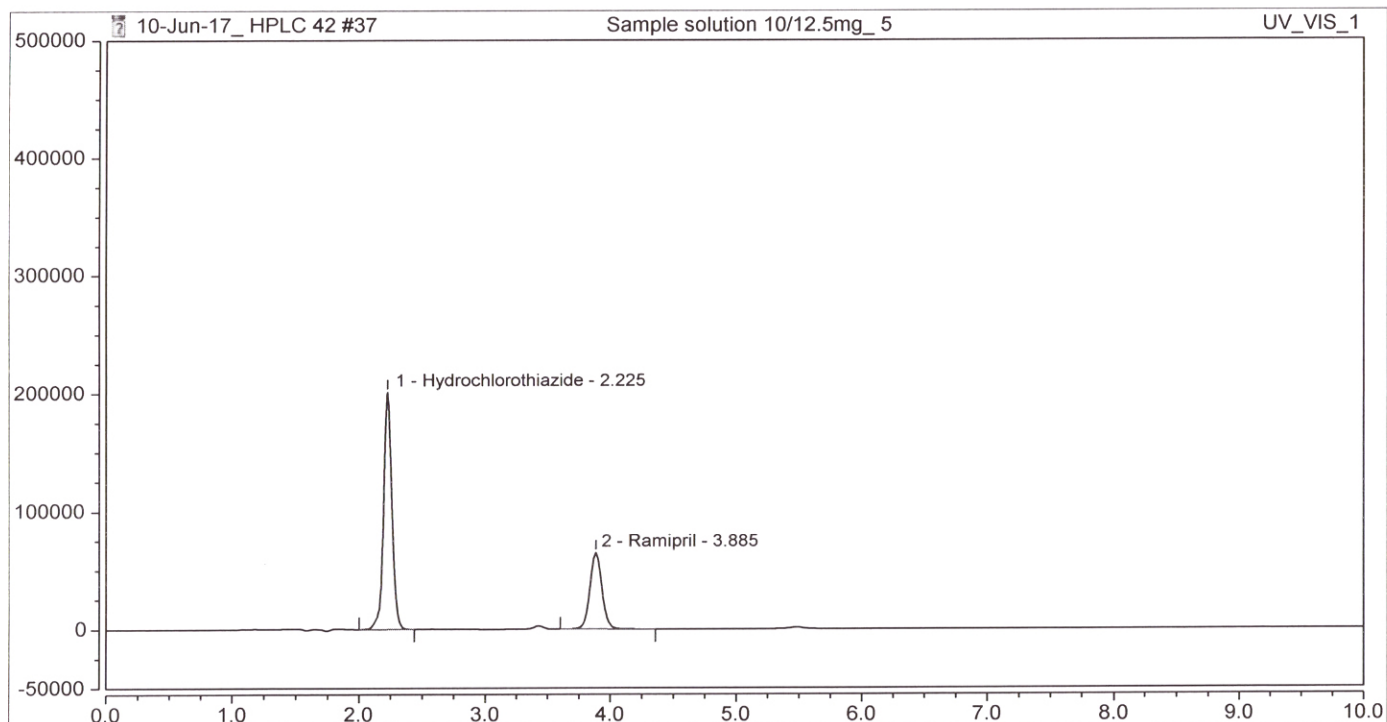
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Sample solution 10/12.5mg_ 5	Run Time (min):	10.00
Vial Number:	1_23	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 05:22	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



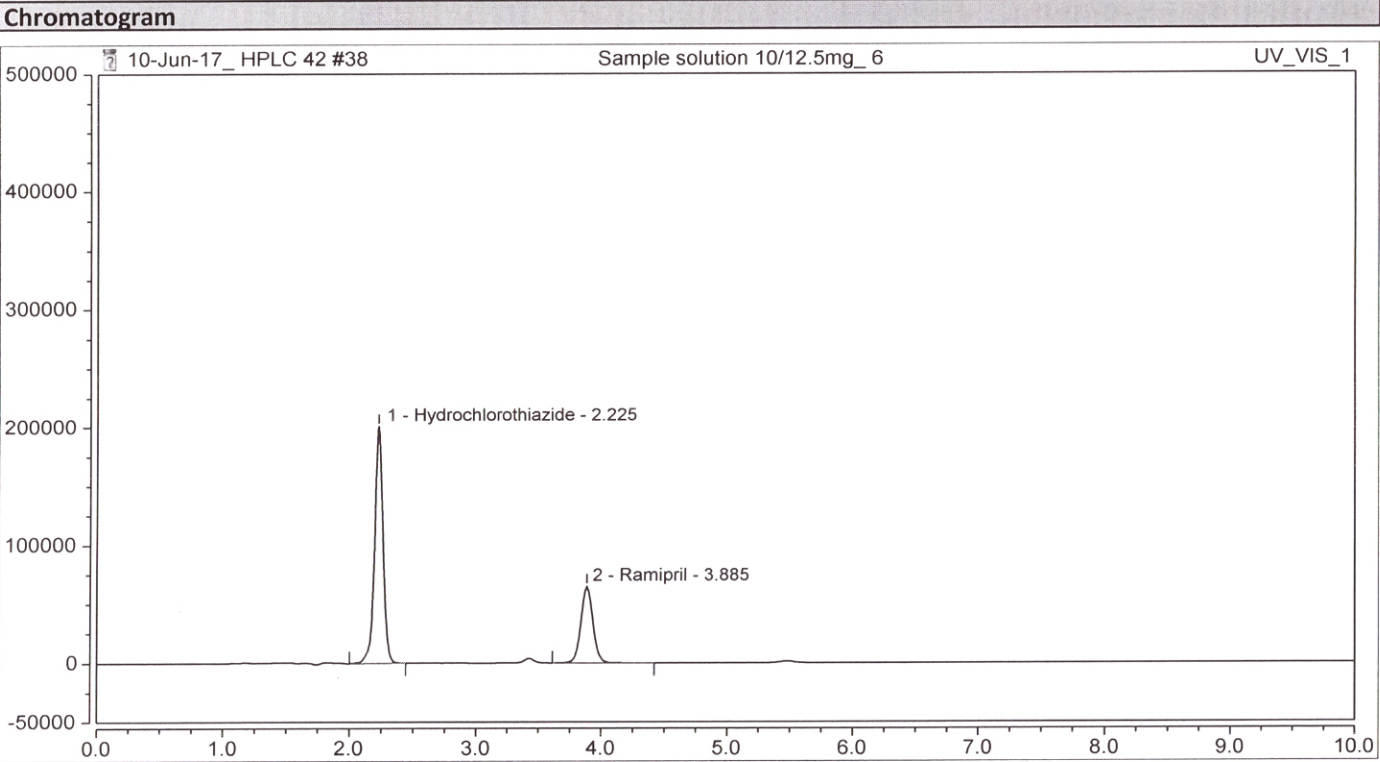
Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15588.560	5684	1.00	11.45	68.54
2	Ramipril	3.885	7154.534	8173	1.05	n.a.	31.46
Total:							

Default/Integration

 Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Developement Pvt.Ltd.					
Injection Details					
Injection Name:	Sample solution 10/12.5mg_ 6	Run Time (min):	10.00		
Vial Number:	1_24	Injection Volume:	10.00		
Injection Type:	Unknown	Channel:	UV_VIS_1		
Calibration Level:		Wavelength:	210		
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.		
Processing Method:	PR Method 1	Dilution Factor:	1.0000		
Injection Date/Time:	11-Jun-17 05:33	Sample Weight:	1.0000		
User Name:	Pankaj Gurav	Sample Weight:	1.0000		



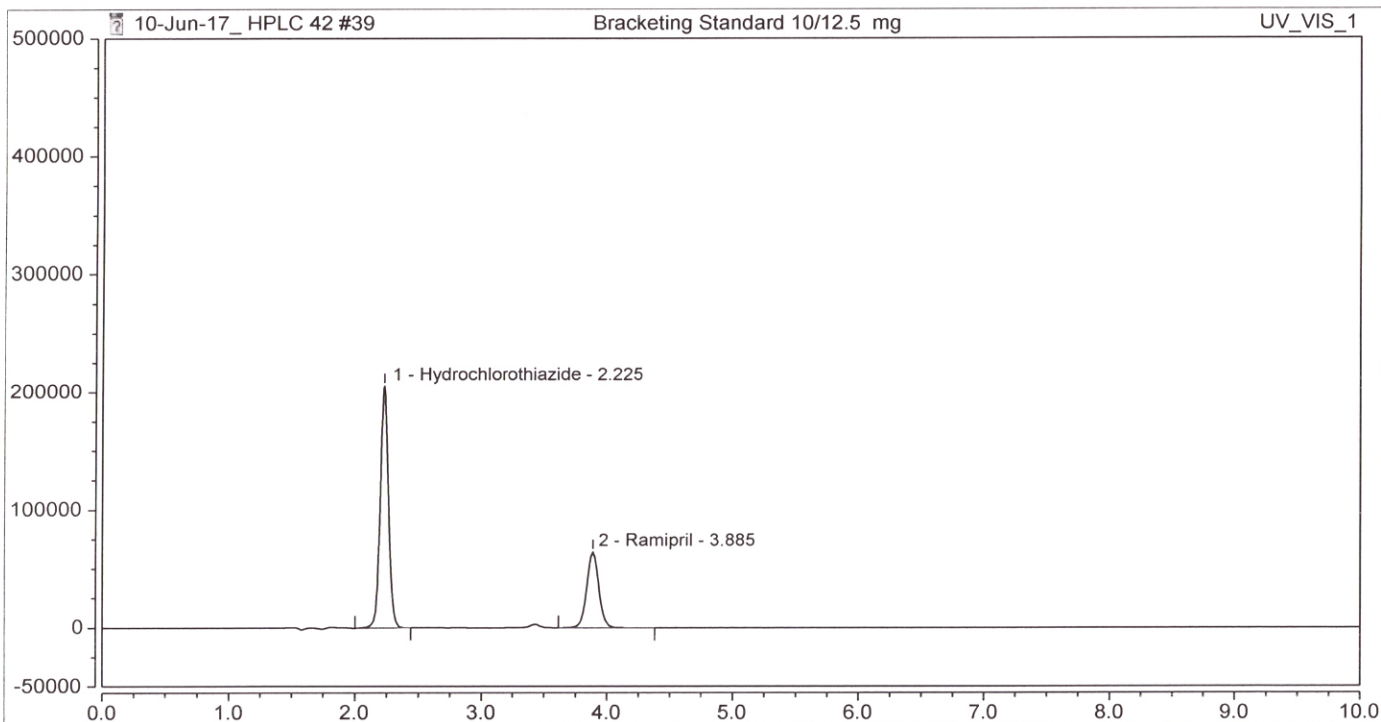
Integration Results							
No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15574.824	5686	1.00	11.45	68.58
2	Ramipril	3.885	7135.676	8181	1.05	n.a.	31.42
Total:							

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Bracketing Standard 10/12.5 mg	Run Time (min):	10.00
Vial Number:	1_3	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_ 42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 05:44	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.225	15530.275	5746	1.11	11.48	68.65
2	Ramipril	3.885	7092.669	8181	1.05	n.a.	31.35
Total:							

Pankaj
21-Jun-17

Default/Integration

Pankaj
22-Jun-17

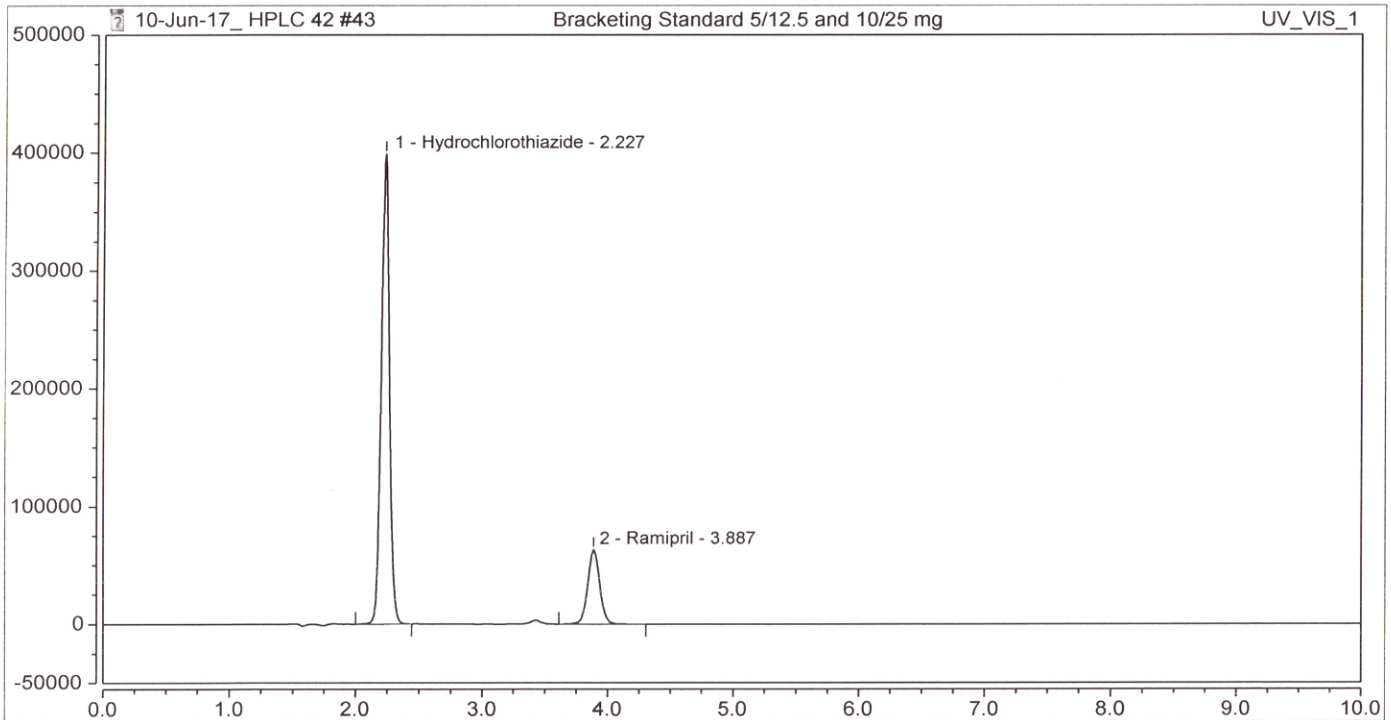
Chromeleon (c) Dionex
Version 7.2.4.8525

QbD Research & Development Pvt.Ltd.

Injection Details

Injection Name:	Bracketing Standard 5/12.5 and 10/25 mg	Run Time (min):	10.00
Vial Number:	1_2	Injection Volume:	10.00
Injection Type:	Unknown	Channel:	UV_VIS_1
Calibration Level:		Wavelength:	210
Instrument Method:	Ramithiazide Assay- HPLC_42	Bandwidth:	n.a.
Processing Method:	PR Method 1	Dilution Factor:	1.0000
Injection Date/Time:	11-Jun-17 06:29	Sample Weight:	1.0000
User Name:	Pankaj Gurav	Sample Weight:	1.0000

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area μAU*min	Plates (USP)	Asymmetry (EP)	Resolution (USP)	Rel.Area %
1	Hydrochlorothiazide	2.227	29968.266	5749	1.12	11.49	81.13
2	Ramipril	3.887	6969.160	8211	1.05	n.a.	18.87
Total:							

Pankaj Gurav
21-Jun-17

Default/Integration

Pankaj Gurav
21-Jun-17

Chromeleon (c) Dionex
Version 7.2.4.8525

IV_VIS	Name	Position	Volume [µl]	Instrument Method	Processing Method	Comment	Status	Inject Time
	Pre SST	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Finished	10-Jun-17 21:01 +05:30
	Pre SST 2	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Running	10-Jun-17 22:47 +05:30
None	Blank solution	1_1	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 5/12.5 and 10/25 mg_ 1	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 5/12.5 and 10/25 mg_ 2	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 5/12.5 and 10/25 mg_ 3	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 5/12.5 and 10/25 mg_ 4	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 5/12.5 and 10/25 mg_ 5	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 5/12.5 and 10/25 mg_ 6	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 10/12.5 mg_ 1	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 10/12.5 mg_ 2	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 10/12.5 mg_ 3	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 10/12.5 mg_ 4	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 10/12.5 mg_ 5	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Standard 10/12.5 mg_ 6	1_3	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Placebo solution 10/25mg	1_4	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 10/25mg_ 1	1_5	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 10/25mg_ 2	1_6	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 10/25mg_ 3	1_7	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 10/25mg_ 4	1_8	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 10/25mg_ 5	1_9	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 10/25mg_ 6	1_10	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Bracketing Standard 5/12.5 and 10/25 mg	1_2	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Placebo solution 5/12.5mg	1_11	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 5/12.5mg_ 1	1_12	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 5/12.5mg_ 2	1_13	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 5/12.5mg_ 3	1_14	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 5/12.5mg_ 4	1_15	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 5/12.5mg_ 5	1_16	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	
None	Sample solution 5/12.5mg_ 6	1_17	10.0	Ramithiazide Assay- HPLC_ 42	PR Method 1	Intermediate Precision	Idle	

Pankaj Gurav
10-Jun-17

Pankaj Gurav
10-Jun-17

Sequence: 10-Jun-17_HPLC 42
Last Update Operator: Pankaj Gurav

None	1_2	Bracketing Standard 5/12.5 and 10/25 mg	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_18	Placebo solution 10/12.5mg	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_19	Sample solution 10/12.5mg_1	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_20	Sample solution 10/12.5mg_2	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_21	Sample solution 10/12.5mg_3	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_22	Sample solution 10/12.5mg_4	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_23	Sample solution 10/12.5mg_5	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_24	Sample solution 10/12.5mg_6	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_3	Bracketing Standard 10/12.5 mg	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Intermediate Precision	Idle
None	1_25	Sample solution 10/25mg_Centrifuge	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Filter study	Idle
None	1_26	Sample solution 10/25mg_0.22u syringe filter	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Filter study	Idle
None	1_27	Sample solution 10/25mg_0.45u syringe filter	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Filter study	Idle
None	1_2	Bracketing Standard 5/12.5 and 10/25 mg	10.0	Ramithiazide Assay- HPLC_42	PR Method 1	Filter study	Idle
None	1_1	Wash	10.0	Wash method _HPLC 42	PR Method 1		Idle
None	1_1	shut	10.0	Shut method _HPLC 42	PR Method 1		Idle

Pankaj Gurav
10-Jun-17

Pankaj Gurav
10-Jun-17

<i>Name</i>	Ramithiazide Assay- HPLC_ 42
<i>Data Vault</i>	XVault
<i>Path</i>	chrom://qbd-pc-03/XVault/QbD-INST-HPLC-42/411/10-Jun-17_ HPLC 42.seq/Ramithiazide Assay- HPLC_ 42.instmeth
<i>Comment</i>	Ramithiazide Assay
<i>Description</i>	New instrument method created
<i>Run time</i>	10.000 [min]
<i>Instrument</i>	QbD-INST-HPLC-42 on qbd-pc-03
<i>Created</i>	10-Jun-17 20:42 +05:30 Sachin Pujari
<i>Last Update</i>	10-Jun-17 20:42 +05:30 Sachin Pujari

Sachin
10-Jun-17

Pankaj
10-Jun-17

Stage	Time min	Command	Value	Comment
Instrument Setup				
	initial	Pump.%A.Equate	"Mobile Phase"	
		Pump.%B.Equate	"0"	
		Pump.%C.Equate	"0"	
		Pump.%D.Equate	"0"	
		Pump.Pressure.LowerLimit	0 [bar]	
		Pump.Pressure.UpperLimit	375 [bar]	
		Sampler.Temperature.Nominal	25 [°C]	
		Sampler.WashMode	Both	
		Sampler.WashVolume	800 [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.%D.Value	0.0 [%]	
		Pump.%C.Value	0.0 [%]	
		Pump.%B.Value	0.0 [%]	
Stop Run				
	10.000	UV.UV_VIS_1.AcqOff		
End				

Pujari
10-Jun-17

Pujari
12-Jun-17