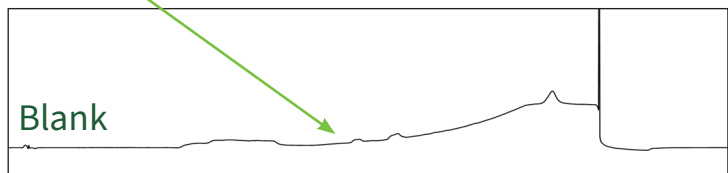
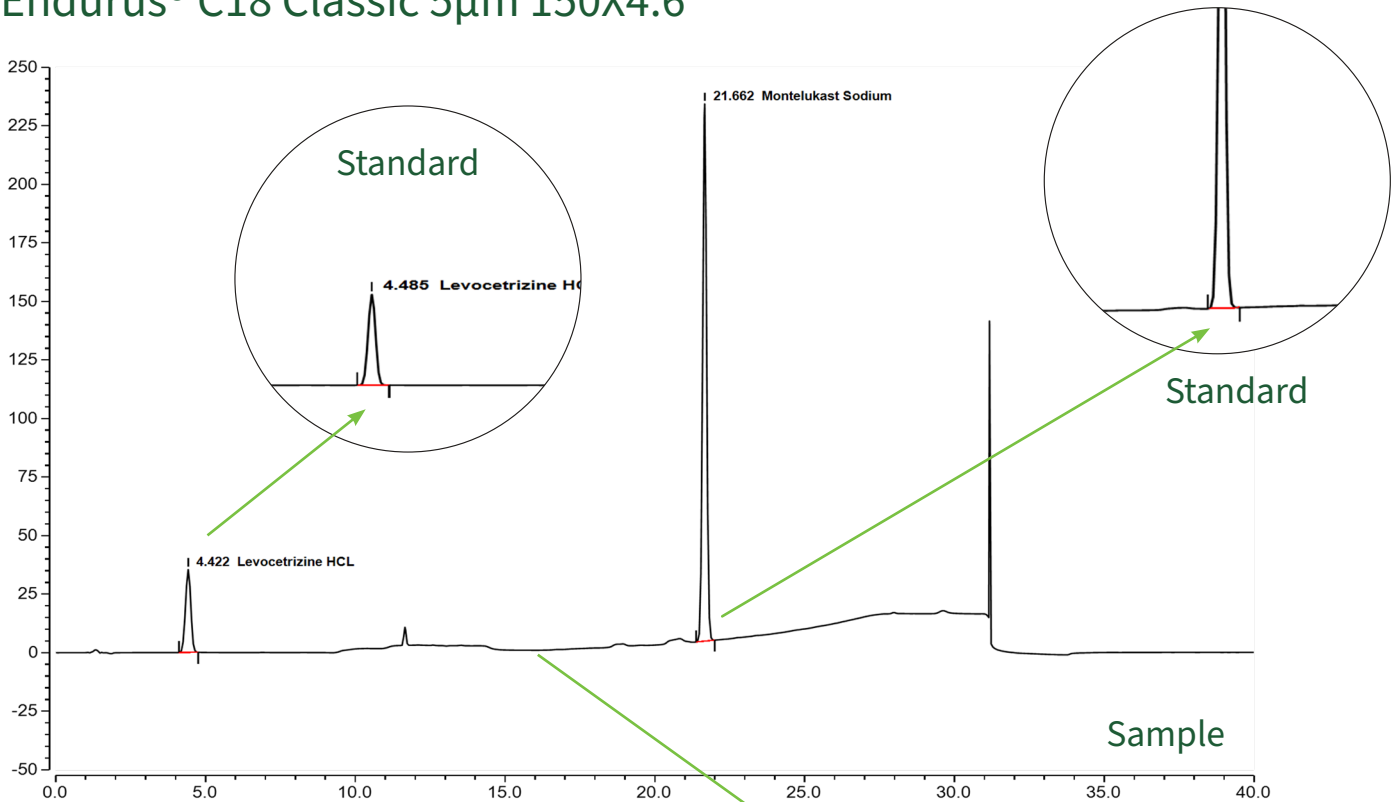




## Levocetirizine HCL & Montelukast Sodium

### Endurus<sup>®</sup> C18 Classic 5µm 150X4.6



#### Test Condition (As USP)

#### Column:

Endurus<sup>®</sup> C18 Classic 5µm 150X4.6

**Injection:** 20 µL

**Detection:** UV 240 nm

**Flow Rate:** 1.0 mL/min

**Mobile Phase A:** Buffer:Acetonitrile (60:40)

**Mobile Phase B:** Acetonitrile

**Gradient:** See Table

**Diluent:** Acetonitrile:Buffer (70:30)

**Buffer:** 0.7708 g ammonium acetate in 1000 ml water. Add 0.1 ml glacial acetic acid and filter it.

**Temperature:** 35°C

Autosampler temperature: 5°C

#### Sample Preparation:

Dissolve 5 mg Levocetirizine HCL & 10mg Montelukast Sodium of the substance in 10 ml in diluent. Then dilute 5ml of this solution in 100ml

#### Standard Preparation:

Dissolve 5 mg Levocetirizine HCL & 10mg Montelukast Sodium of the substance in 10 ml in diluent. Then dilute 5ml of this solution in 25 ml

#### Chromatographic data

No.	Compound	Retention Time (min)	Tailing Factor	Resolution
1	Levocarnitin HCL	4.485	0.99	N/A
2	Montelukast Sodium	21.562	0.92	57.89

#### Gradient: See Table

Time	A	B
0	100	0
7	100	0
8	55	45
14	55	45
25	10	90
29	10	90
29.1	100	0
40	100	0

Levocetirizine and Montelukast, which relieves sneezing and runny nose due to allergies. Levocetirizine is an antiallergic which blocks a chemical messenger (histamine) responsible for runny nose, watery eyes and sneezing. Montelukast is a leukotriene antagonist. It works by blocking another chemical messenger (leukotriene). This reduces inflammation (swelling) in the airways and nose, and improves symptoms.

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To place an order, call +91-90811 21133, or contact your local Force Scientific distributor:

Force Scientific • 207 & 210-213 The Space •Kunal Cross Road • Gotri, Vadodara, GJ 390021 • [www.forcescientific.com](http://www.forcescientific.com)

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