



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202231  
Lot Number: SAMPLE  
Product Name: Montelukast Sodium  
CAS Number: 151767-02-1  
Molecular Formula:  $C_{35}H_{35}ClNO_3S \cdot Na$   
Molecular Weight: 608.17

| Test                               | Specification              | Result                                            |
|------------------------------------|----------------------------|---------------------------------------------------|
| Identification (Mass Spectrometry) | MNa: 586.2                 | MNa: 586.2                                        |
| Purity (HPLC)                      | >98%                       | Retention Time Actual: 6.60 min<br>Purity: 99.2 % |
| Purity (TLC)                       |                            | Rf: 0.51<br>Purity %: 100                         |
| $\lambda_{max}$                    | 212, 284, 328, 345, 359 nm | 212, 284, 328, 345, 359 nm                        |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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