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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2027

**Product Name: Montelukast EP Impurity A**

### Identification:

Chemical Name: Sodium 1-[[[(1S)-1-[3-[(1E)-2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]sulfanyl]methyl]cyclopropyl]acetate (as per EP)

Synonyms : (S)-Montelukast ; ent-  
Montelukast Sodium Salt  
Montelukast S-Enantiomer  
Sodium Salt

CAS Number : 190078-45-6

CAT Number : CP-M25001

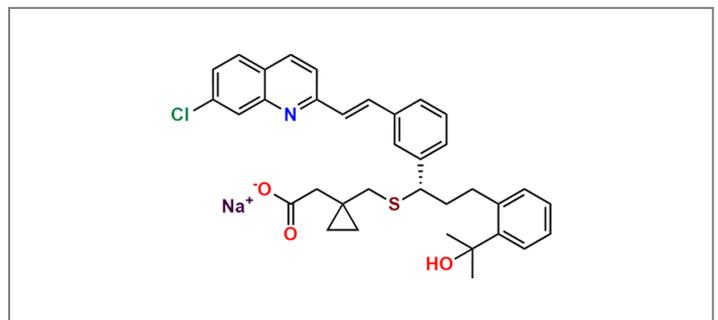
Molecular Formula : C<sub>35</sub>H<sub>35</sub>ClNO<sub>3</sub>S : Na

Molecular Weight : 585.18 : 23

Batch Number : CP-MON-A-0925

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.36%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.