

CERTIFICATE OF ANALYSIS

Date: 08-02-2026

Product Name	Montelukast Sodium		
Chemical Name	Sodium [1-[[[(1R)-1-[3-[(E)-2-(7-chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]sulfanyl]methyl]cyclopropyl]acetate		
Structure	<p>The chemical structure of Montelukast Sodium is a complex organic molecule. It features a cyclopropyl group attached to a phenyl ring, which is further substituted with a sulfanyl group (-S-). This is linked to a propyl chain that includes a methylethyl group and a hydroxyl group (-OH). The propyl chain is also attached to a phenyl ring, which is substituted with a 7-chloroquinolin-2-yl group. The entire molecule is a sodium salt, indicated by the Na⁺ symbol.</p>		
Batch No.	-	CAS No.	151767-02-1
Analysis Date	-	Retest Date	-
Mol. Formula	C ₃₅ H ₃₅ ClNNaO ₃ S	Molecular Wt.	608.2
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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