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**Certificate of Analysis**

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Product Name: Montelukast Sodium  
Cat. No.: GC11006  
Batch No.: 1  
Chemical Name: sodium;2-[1-[[[(1R)-1-[3-[(E)-2-(7-chloroquinolin-2-yl)ethenyl]phenyl]-3-[2-(2-hydroxypropan-2-yl)phenyl]propyl]sulfanylmethyl]cyclopropyl]acetate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 151767-02-1  
Molecular Formula: C<sub>35</sub>H<sub>35</sub>ClNNaO<sub>3</sub>S  
Molecular Weight: 608.17  
Storage: Store at -20°C, sealed storage, away from moisture  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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