

## CERTIFICATE OF ANALYSIS

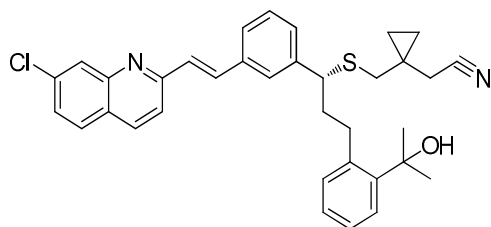
Reference Substance

Date:

**Montelukast Nitrile Impurity**

Batch No.:

IUPAC Name: (R,E)-2-(1-(((1-(3-(2-(7-chloroquinolin-2-yl)vinyl)phenyl)-3-(2-(2-hydroxypropan-2-yl)phenyl)propyl)thio)methyl)cyclopropyl)acetonitrile



Molecular Weight: 567.18g/mol

Molecular Formula: C<sub>35</sub>H<sub>35</sub>ClN<sub>2</sub>O<sub>2</sub>S

Sr.#	Test	Results	Data ref.
1	Appearance	Off White Solid	-----
2	Purity by HPLC	>95%	Chromatogram attached
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

**Storage condition:** Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for two years from date of manufacturing, provided the substance is stored under suitable conditions.

**Manufacturing date:**

**Retest date:**

**Document data reference:**

*Prepared by*

*Reviewed by*

*Approved by*