



Certificate of analysis

Product name: Abacavir sulfate

Cas number: 188062-50-2

Molecular Formula: C₁₄H₁₈N₆O. H₂SO₄

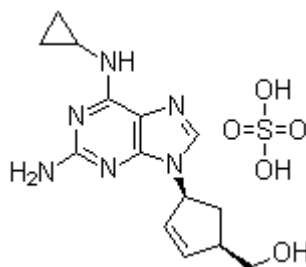
Molecular Weight: 384.41

Date of production: May.25,2018

Batch NO: 20180525

Exp Date: May.24,2020

Chemical structure:



Items	Specifications	Results
Appearance	White to off-white crystalline powder	Conforms
Identification	IR, UV, HPLC, Sulfate	Conforms
Water	≤1.0%	0.60%
Residue on ignition	≤0.2%	≤0.2%
Heavy metals	≤20ppm	Conforms
Stereoisomer	≤0.2%	≤0.208%
Related substances	Descyclopropyl Abacavir ≤0.10%	0.04%
	Dihydro Abacavir ≤0.10%	0.03%
	Abacavir penultimate ≤0.10%	N.D
	O-Pyrimidinyl Abacavir ≤0.15%	N.D
	Unknown impurities ≤0.10%	0.08%
	Total impurities ≤2.0%	0.30%
Content of sulfate	13.6-15.0%	14.43%
Assay (Calculated on dry)	98.0-102.0%	99.70%

Conclusion: It complies with the Enterprise Standard.