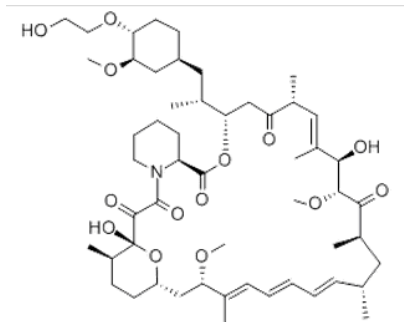


Certificate Of Analysis

Name: Everolimus
CAS No.: 159351-69-6
Cat No.: A854650
Molecular Formula: C₅₃H₈₃NO₁₄
Molecular Weight: 958.23
Batch No.: E02122023
Mfg.Date: 2023.12.02
Exp.Date: 2025.12.01



Items	Specifications	Results
Appearance	White to off-white powder	Conforms
Solubility	Freely soluble in methanol or ethanol practically insoluble in water.	Conforms
Identification	IR: Spectrum of the sample corresponds to that of reference standard HPLC: The retention time of the major peak of test solution should correspond to that of comparison solution.	Conforms
Specific optical rotation	-143°~-153°	-147°
Related substances	Individual unknown impurity ≤0.20% Total impurities ≤2.0%	0.09% 0.60%
Enantiomer	≤3.0%	0.10%
BHT	0.1%~0.3%	0.3%
Residual solvents	Methanol ≤600ppm Dichloromethane ≤300ppm Ethyl acetate ≤1000ppm Tetrahydrofuran ≤720ppm Toluene ≤500ppm Benzyl chloride ≤500ppm Benzyl alcohol ≤500ppm Ethanol ≤5000ppm	ND ND ND ND ND ND ND 35ppm
Residue on ignition	≤0.10%	0.02%

Water	≤2.0%	0.65%
Heavy metal	≤20ppm	Conforms
Assay	98.0%~102.0% (on anhydrous and solvents free basis)	99.7%
Microbial Limited	Total Aerobic ≤ 1000cfu/g Total Yeasts and Molds ≤ 100cfu/g E.coli should be absent	<10cfu/g <10cfu/g Conforms
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

*If you have any comments and suggestions, please contact us by sales@amadischem.com

*For laboratory or manufacturing use only, not for drug, food and household use.