



Certificate of analysis

Product name: Stavudine

Cas number: 3056-17-5

Molecular Formula: C₁₀H₁₂N₂O₄

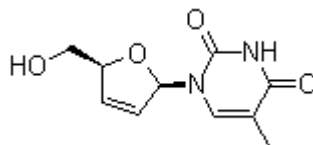
Molecular Weight: 224.22

Date of production: June. 27, 2017

Batch NO: 20170627

EXP DATE: June. 26, 2019

Chemical structure:



Items	Specifications	Results
Description	White to off-white powder	White powder
Identification	IR HPLC	Complies
Water	≤0.5%	0.14%
Residue on ignition	≤0.3%	0.09%
Heavy metals	20ppm	Complies
Specific rotation	-45~-40	-40.68
Related substances	Pyrimidine ≤0.5%	0.36%
	Other individual impurity	0.15%
	Total impurities	0.53%
Purity	98%~102% (On dried basis)	99.3%

Conclusion: It complies with the USP35 Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang

