



Certificate of analysis

Product name: Peramivir Trihydrate

Cas number: 1041434-82-5

Molecular Formula: $C_{15}H_{28}N_4O_4 \cdot 3(H_2O)$

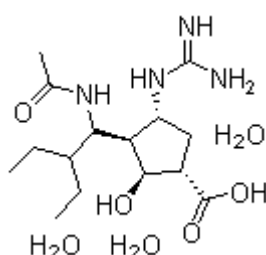
Molecular Weight: 382.46

Date of production: Jun. 28, 2017

Batch NO: 20170628

EXP DATE: Jun. 28, 2019

Chemical structure:



Items	Specifications	Test results
Description	white to off-white crystalline powder inodorous	white crystalline powder inodorous
Water content	≤ 16.0 %	15.54 %
Specific Rotation	-148° ~ -158°	-150.6°
pH	6.0 ~ 8.0	7.38
Single max impurity	≤ 0.5%	0.06 %
Total impurities	≤ 1.0%	0.11 %
Residue on Ignition	≤ 0.1 %	0.08%
Heavy metals	≤ 10ppm	≤ 10ppm
Assay (HPLC)	> 99.0%	99.89 %

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang

