



Certificate of Analysis

Doripenem Monohydrate

Catalog Number: DO1004
Lot Number: 0906809
CAS Number: 364622-82-2
Molecular Formula: $C_{15}H_{24}N_4O_6S_2 \cdot H_2O$
Molecular Weight: 438.52
Storage: 2°C – 8°C
Date of Manufacture: March 2, 2018
Retest Date: March 1, 2020

Test	Specification	Result
Appearance	White powder	Conforms
Purity	98.0 – 102.0%	99.5%
Specific Rotation	+32.0° to +40.0°	+35.4°
pH	4.5 – 6.0	5.36
Moisture	4.0 – 5.0%	4.97%
Residue on Ignition	≤ 0.1%	0.06%
Heavy Metals	≤ 20ppm	< 20ppm

Approved by:

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Date: September 7, 2018