



## Certificate of Analysis

### Ceftriaxone

**Catalog Number:** CE1011  
**Lot Number:** 0820902  
**CAS Number:** 74578-69-1  
**Molecular Formula:**  $C_{18}H_{17}N_8NaO_7S_3$   
**Molecular Weight:** 576.55  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** April 10, 2019  
**Retest Date:** April 9, 2020

Test	Specification	Result
Appearance	White powder	Conforms
Assay	≥ 92%	92.46%
Specific Rotation	-170° to -154°	-161.92°
Absorption	495 – 545nm	Conforms
pH	6 - 8	6.67
Clarity	≤ 1	< 1
Color	≤ 3	< 3
Moisture	8 – 10%	9.83%
Related Substances		
Any Individual Impurity	≤ 0.4%	0.05%
Total Impurities	≤ 1.0%	0.12%
Bacterial Endotoxin	≤ 0.08EU/mg	< 0.08EU/mg

Approved by:

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Date: August 20, 2019