



Certificate of Analysis

Potassium Clavulanate EP:Silicon Dioxide (1:1)

Catalog Number: CL1005
Lot Number: 1029802
CAS Number: 61177-45-5
Storage: 2°C – 8°C
Date of Manufacture: July 18, 2018
Retest Date: July 17, 2020

Test	Specification	Result
Appearance	White to almost white powder	Conforms
Assay (HPLC) Content of Potassium Clavulanate Clavulanic Acid Clavulanate Potassium	91.2 - 107.1% 38.3 – 45.0% 45.6 – 53.5%	101.6% 42.7% 50.8%
Identification HPLC Reaction of Potassium Reaction of Silicates	To match standard To meet requirements To meet requirements	Conforms Conforms Conforms
pH	4.8 – 8.0	5.7
Moisture	≤ 2.5%	0.55%
Light Absorption (A278nm)	≤ 0.4	0.032
Related Substances Impurity E Impurity G Any Other Single Impurity Total Impurities	≤ 1.0% ≤ 1.0% ≤ 0.1% ≤ 2.0%	0.032% 0.00092% < 0.05% 0.033%
Residual Solvents Acetic Acid Acetone Ethyl Acetate 2-Propanol	≤ 5,000ppm ≤ 5,000ppm ≤ 5,000ppm ≤ 5,000ppm	363ppm 92ppm 28ppm 655ppm

Approved by:

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Date: October 29, 2018