



Specification

Potassium Clavulanate EP:Silicon Dioxide (1:1)

Catalog Number: CL1005
CAS Number: 61177-45-5
Storage: 2°C – 8°C
Retest Date: Two years after date of manufacture.

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

Approved by:

Date: October 29, 2018

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