CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C041008-1440)

Analysis Date: 07/07/2022 Re-test Date: 26/08/2023

Clavulanate Potassium EP Impurity G

Identification

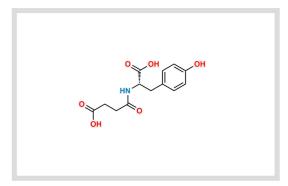
Chemical Name : 4-[[(1S)-1-Carboxy-2-(4-hydroxyphenyl)ethyl]amino]-4-oxobutanoic acid

CAT No. : SZ-C041008

CAS No. : 374816-32-7

Molecular Formula : C13H15NO5

Molecular Weight : 281.3



Analytical Information

Batch Code : SRL-462-183 HPLC Purity : 99.63 %

Solubility : ACN:H2O(8:2) Mass : Confirm

Appearance of product: White Solid IR Analysis: Confirm

Long Term Storage : 2–8 °C for long term storage 1H NMR : Confirm

Weight Loss By TGA : 0.00 % 13C NMR : Confirm

Residue On Ignition : 0.06 % DEPT Analysis : Confirm

Additional Information

% Potency = $[100 - 0.00 \text{ (Wt loss by TGA)} - 0.06(\text{ROI})] \times [99.63 \text{ (HPLC Purity)}] / 100 = 0.57 \%$

99.57 %

Recommendation: Released

	Department	Signature	Date
Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, 1H NMR, IR, TGA, 13C NMR, DEPT, ROI

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.