

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

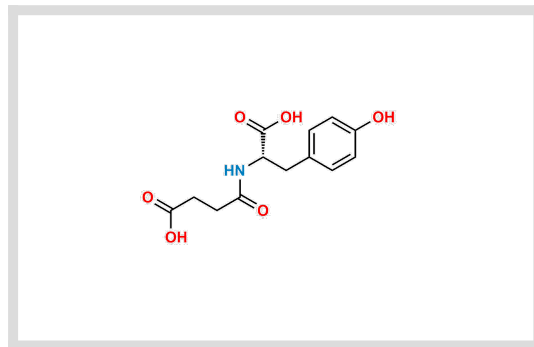
Chemical Name : 4-[[[(1S)-1-Carboxy-2-(4-hydroxyphenyl)ethyl]amino]-4-oxobutanoic acid

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:H ₂ O(8:2)	Mass	: Confirm
Appearance of product	: White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	¹ H NMR	: Confirm
Weight Loss By TGA	: 0.00 %	¹³ C NMR	: Confirm
Residue On Ignition	: 0.06 %	DEPT Analysis	: Confirm

Additional Information

% Potency = [100 - 0.00 (Wt loss by TGA) - 0.06(ROI)] X [99.63 (HPLC Purity)] / 100 = 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.