

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C041005-1139)

Analysis Date: 05/09/2022

Re-test Date: 04/09/2024

Clavulanate Potassium EP Impurity D

Identification

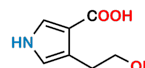
Chemical Name : 4-(2-Hydroxyethyl)-1H-pyrrole-3-carboxylic acid

CAT No. : SZ-C041005

CAS No. : 404839-11-8

Molecular Formula : C₇H₉NO₃

Molecular Weight : 155.2



Analytical Information

Batch Code : SRL-1163-004

HPLC Purity : 100.00 %

Solubility : ACN:H₂O (8:2)

Mass : Confirm

Appearance of product : White Hygroscopic Solid

IR Analysis : Confirm

Long Term Storage : 2-8 °C for long term storage

¹H NMR : Confirm

Weight Loss By TGA : 0.00 %

Additional Information

% Potency = [100 - 0.00 (Wt loss by TGA)] X [100.00 (HPLC Purity)] / 100 = 100.00 %

-Handle impurity standard under nitrogen and store in dry atmosphere, -Use freshly prepared solution.

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA

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