

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C041002-1052)

Analysis Date: 31/08/2022

Re-test Date: 29/08/2024

## Clavulanate Potassium EP Impurity A

### Identification

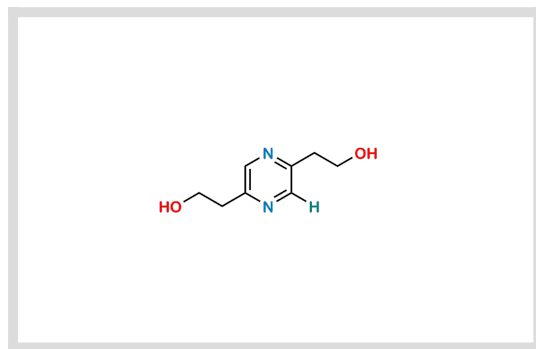
Chemical Name : 2,2'-(Pyrazine-2,5-diyl)bis(ethan-1-ol)

CAT No. : SZ-C041002

CAS No. : 4744-51-8

Molecular Formula : C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight : 168.2



### Analytical Information

Batch Code : SRL-1163-006

HPLC Purity : 100.00 %

Solubility : ACN:H<sub>2</sub>O (8:2)

Mass : Confirm

Appearance of product : Off White Hygroscopic Solid

IR Analysis : Confirm

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

<sup>1</sup>H 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, <sup>1</sup>H NMR, IR, TGA

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