

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C041003-1134)

Analysis Date: 08/08/2022

Re-test Date: 05/08/2024

## Clavulanic Acid Impurity B

### Identification

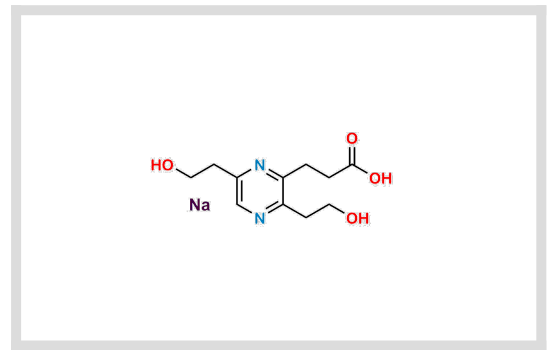
Chemical Name : 3-(3,6-Bis(2-hydroxyethyl)pyrazin-2-yl)propanoic acid, sodium salt

CAT No. : SZ-C041003

CAS No. : NA

Molecular Formula : C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub> : Na

Molecular Weight : 240.3 : 23.0



### Analytical Information

Batch Code : SRL-449-189

HPLC Purity : 100.00 %

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

Mass : Confirm

Appearance of product : Brown 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 : 1.47 %

### Additional Information

% Potency = [100 - 1.47 ( Wt loss by TGA )] X [ 100.00 (HPLC Purity)] / 100 = 98.53 %

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.