

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C041012-1431)

Analysis Date: 21/07/2022

Re-test Date: 19/07/2024

## Clavulanate Potassium EP Impurity L

### Identification

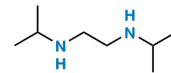
Chemical Name : N1,N2-Diisopropylethane-1,2-diamine

CAT No. : SZ-C041012

CAS No. : 4013-94-9

Molecular Formula : C<sub>8</sub>H<sub>20</sub>N<sub>2</sub>

Molecular Weight : 144.3



### Analytical Information

Batch Code : SRL-C-457

Solubility : Methanol

Appearance of product : Colourless Liquid

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

Water Content By KF : 0.75 %

GC Purity : 98.47 %

Mass : Confirm

IR Analysis : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

DEPT Analysis : Confirm

### Additional Information

% Potency = [100 - 0.75 ( Water Content By KF )] X [ 98.47 (GC Purity)] / 100 = 97.73 %

Recommendation : Released

#### Department

#### Signature

#### Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : GC, Mass, <sup>1</sup>H NMR, IR, KF, <sup>13</sup>C NMR, DEPT

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