

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C041009-0845)

Analysis Date: 02/11/2020

Re-test Date: 31/10/2022

## Tert-Butylamine

### Identification

Chemical Name : 2-Methylpropan-2-amine

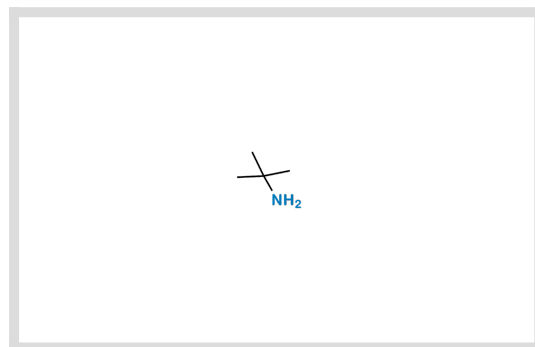
CAT No. : SZ-C041009

CAS No. : 75-64-9

Molecular Formula : C<sub>4</sub>H<sub>11</sub>N

Molecular Weight : 73.1

Synonyms : Clavulanate Potassium EP Impurity H



### Analytical Information

Batch Code : SRL-B-948

GC Purity : 99.89 %

Solubility : Methanol

Mass : Confirm

Appearance of product : Colourless liquid

IR Analysis : Confirm

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

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

Weight Loss By TGA : 0.76 %

### Additional Information

% Potency = [100 - 0.76 ( Wt loss by TGA )] X [ 99.89 (GC Purity)] / 100 = 99.13 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : GC, Mass, <sup>1</sup>H NMR, IR, TGA

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