

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001409-01)

Release Date: 18/12/2024

Re-test Date: 17/12/2027

## N-Cbz-L-Leucine

### Identification

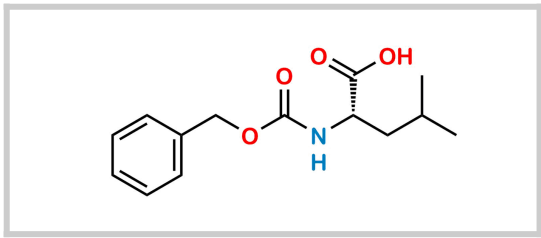
**Chemical Name :**  
((Benzyloxy)carbonyl)-L-leucine

**CAT No.** : KMM001409

**CAS No.** : 2018-66-8

**Molecular Formula** : C<sub>14</sub>H<sub>19</sub>NO<sub>4</sub>

**Molecular Weight** : 265.3



### Analytical Information

**Batch No.** : M001409-091-088

**Description** : Colourless Thick Syrup

**HPLC Purity** : 99.31 %

**Weight Loss By TGA** : 0.47 %

**% Potency** : 98.84 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

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

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 0.47(Weight Loss By TGA)] x [99.31(HPLC Purity)]/100 = 98.84 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/12/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA