

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001409-01)

Release Date: 18/12/2024

Re-test Date: 17/12/2027

N-Cbz-L-Leucine

Identification

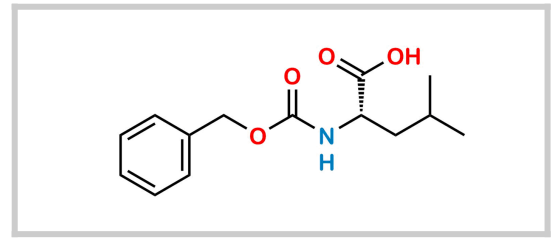
Chemical Name :
((Benzyloxy)carbonyl)-L-leucine

CAT No. : KMM001409

CAS No. : 2018-66-8

Molecular Formula : C₁₄H₁₉NO₄

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

¹H 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, ¹H NMR, IR and TGA