

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001410-01)

Release Date: 18/12/2024

Re-test Date: 17/12/2027

## N-Carbobenzoxy-L-valine

### Identification

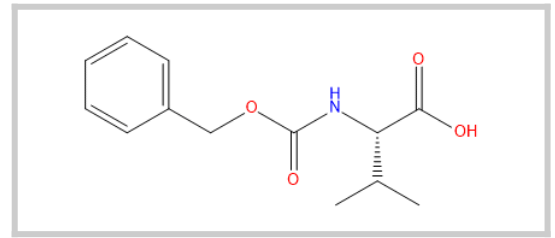
**Chemical Name :**  
(2S)-2-[[[(benzyloxy)carbonyl]amino]-3-methylbutanoic acid

**CAT No.** : KMM001410

**CAS No.** : 1149-26-4

**Molecular Formula** : C<sub>13</sub>H<sub>17</sub>NO<sub>4</sub>

**Molecular Weight** : 251.278



### Analytical Information

**Batch No.** : M001410-091-089

**Description** : White Solid

**HPLC Purity** : 99.73 %

**Weight Loss By TGA** : 0.02 %

**% Potency** : 99.71 %

**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 - 0.02(Weight Loss By TGA)] x [99.73(HPLC Purity)]/100 = 99.71 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		20/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/12/2024

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