

Certificate of Analysis

NSC 135130

Cat. No.: HY-41049
CAS No.: 24164-06-5
Batch No.: 31520

Chemical Name: L-Valine, N-[(1,1-dimethylethoxy)carbonyl]-N-methyl-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{23}NO_4$ Molecular Weight: 245.32

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Assay (QNMR): 97.10%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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