

Specification

Item number: 6924

Boc-L-Leucine monohydrate

PEPTIPURE® ≥98 %, for biochemistry

CAS No.: 13139-15-6

print date: 01.01.2025

formula: $C_{11}H_{21}NO_4 \cdot H_2O$

density:

storage temperature: +4 °C

molecular weight: 249,30 g/mol

Type analysis

Appearance	white to off-white powder
Assay (titr., dry substance)	98,0-102,0 %
Purity (TLC)	≥99 %
Water (KF)	6,5-7,9 %
Specific rotation $[\alpha]_D^{20}$ (c=1 in CH₃COOH)	-27,5° to -23,5°
Melting range	79,0-85,0 °C
Enantiomer purity	≤0,2 % D-enantiomer
Free amino acids	≤0,2 %

The residual solvents acetone, diisopropyl ether and methanol may be contained in the product.

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

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