

# Specification

Item number: 6950

## Boc-L-Valine

### PEPTIPURE® ≥98 %, for biochemistry

CAS No.: 13734-41-3

print date: 01.01.2024

formula:  $C_{10}H_{19}NO_4$

density:

storage temperature: +4 °C

molecular weight: 217,26 g/mol

### Type analysis

<b>Appearance</b>	white to off-white powder
<b>Assay (titr.)</b>	98,0-102,0 %
<b>Purity (HPLC)</b>	≥98,0 %
<b>Water (KF)</b>	≤1,0 %
<b>Specific rotation <math>[\alpha]_D^{20}</math> (c=1 in CH<sub>3</sub>COOH)</b>	-6,8° to -5,8°
<b>Melting range</b>	75,0-82,0 °C
<b>Enantiomer purity</b>	≤0,3 % D-enantiomer

The residual solvents Ethyl acetate and n-Hexane 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*

*This document is computer printout and has therefore not been signed by hand.*

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