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## Product Specification

Product Name:

L-Leucine-p-nitroanilide - leucine aminopeptidase substrate

Product Number:

L9125

CAS Number:

4178-93-2

MDL:

MFCD00063681

Formula:

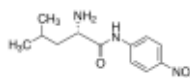
C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>

Formula Weight:

251.28 g/mol

Storage Temperature:

2 - 8 °C



### TEST

### Specification

Appearance (Color)

White to Off White

Appearance (Form)

Powder

Solubility (Color)

Faint Green-Yellow to Light Green-Yellow  
to Light Yellow

Solubility (Turbidity)

Clear

50 mg/mL EtOH

Infrared spectrum

Conforms to Structure

Carbon

55.9 - 58.8 %

Nitrogen

16.3 - 17.1 %

Specific Rotation

20.0 - 23.7 °

(C = 2 in MeOH at 25 deg C)

Purity (TLC)

≥ 98 %

Specification: PRD.1.ZQ5.10000036081

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.