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## Product Specification

Product Name:

L-Leucine p-nitroanilide hydrochloride - ≥98% (HPLC)

**Product Number:****L2158**

CAS Number:

16010-98-3

MDL:

MFCD00058248

Formula:

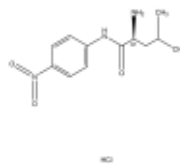
C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub> · HCl

Formula Weight:

287.74 g/mol

Storage Temperature:

2 - 8 °C

**TEST****Specification**

Appearance (Color)

White to Light Yellow

Appearance (Form)

Powder

Solubility (Color)

Very Faint Green-Yellow to Light

Green-Yellow to Light Yellow

Clear

Solubility (Turbidity)

25 mg/ml, H<sub>2</sub>O

1H NMR Spectrum

Conforms to Structure

Water (by Karl Fischer)

≤ 6 %

Carbon (anhydrous)

49.1 - 51.1 %

Nitrogen (anhydrous)

14.3 - 14.9 %

Purity (HPLC)

≥ 98 %

Recommended Retest Period

2 years

Specification: PRD.3.ZQ5.10000015491

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.