

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis


<b>Catalogue Number</b>	33401
<b>Lot Number</b>	002859-2020-11-09
<b>Product</b>	<b>H-<math>\alpha</math>-Me-D-Leucine</b> $\alpha$ -Me-D-Leu-OH
<b>CAS Number</b>	29589-03-5
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	145.2

---

<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -34.2 $\pm$ 2 ° (C=1 in water) [ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -28.3 $\pm$ 2 (C=1 in 0.1 N HCl)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>L-Enantiomer</b>	< 2%
<b>Purity</b>	> 98%
<b>Chiral Purity</b>	> 98% (ee)
<b>Storage</b>	Store at 0 - 8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager