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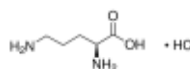
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## Product Specification

Product Name:  
L-Ornithine monohydrochloride - BioReagent, suitable for cell culture, ≥99%

**Product Number:** O6503  
**CAS Number:** 3184-13-2  
**MDL:** MFCD00064562  
**Formula:** C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub> · HCl  
**Formula Weight:** 168.62 g/mol



### TEST

### Specification

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, H <sub>2</sub> O	
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Carbon	34.9 - 36.3 %
Nitrogen	16.3 - 16.9 %
Specific Rotation	21.8 - 23.2 °
C = 2, 5M HCl, 25 deg C	
Purity (HPLC)	≥ 99 %
Cell Culture Test	Pass

Specification: PRD.3.ZQ5.10000035673

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.