

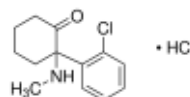
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## Product Specification

Product Name:  
(±)-Ketamine hydrochloride - solid

**Product Number:** K2753  
**CAS Number:** 1867-66-9  
**MDL:** MFCD00051420  
**Formula:** C<sub>13</sub>H<sub>16</sub>ClNO · HCl  
**Formula Weight:** 274.19 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Faint Yellow
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL in H <sub>2</sub> O	
Carbon	55.8 - 58.0 %
Nitrogen	4.8 - 5.4 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Purity (HPLC)	≥ 99 %

Specification: PRD.3.ZQ5.10000040392

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.