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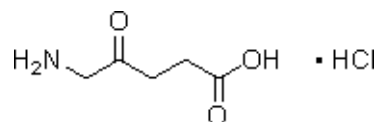
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## Product Specification

Product Name:  
5-Aminolevulinic acid hydrochloride - ~98%

Product Number: **A3785**  
CAS Number: 5451-09-2

Formula: C<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>.HCl  
Formula Weight: 167.59 AMU



TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Water
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	35.33 - 36.33 %
Elemental Anal. (%N anhydrous)	7.86 - 8.86 %
NMR (Solvent)	D2O
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Acetone
NMR (% Solvent 1)	≤ 1.00 %
Purity (TLC)	≥ 98.00 %
Recommended Retest Period	-----
5 Years	

Specification: PRE.0.ZQ5.10000001374

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. 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.