

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

5-Aminolevulinic acid hydrochloride – BioReagent, suitable for cell culture, powder, ≥98%

Product Number:

A7793

CAS Number:

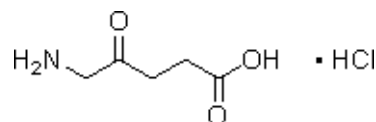
5451-09-2

Formula:

C₅H₉NO₃·HCl

Formula Weight:

167.59 AMU



TEST

Specification

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 %
Cell Culture (Suitability)	Pass
Recommended Retest Period	-----
5 Years	

Specification: PRE.0.ZQ5.10000001971

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.