

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: delta-Aminolevulinic Acid Hydrochloride, cell culture reagent

Catalog Number: 194621_

Lot: MR29383_

Formula: C₅H₉NO₃·HCl

CAS #: 5451-09-2

Physical Description: White Crystalline Powder

Formula Weight: 167.59

Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~98%	99.7%
Melting Point	150 - 160°C	152 - 154°C
FTIR	Conforms to Standard	Conforms to Standard

NMR H1 and C13: Confirms

05/16/2012 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)