

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-17 14:08:34
 Date of Next Testing: 2030-01-16 14:08:34
 Product Name: **5-Aminolevulinic acid hydrochloride**
 CAS Number: 5451-09-2
 Specifications & Purity: $\geq 99\%$
 Lot #: A2615196
 SKU #: **A107209**
 Version: **0**
 Analysis #: **632983**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98.5-101.5 (%)	100.23500 %
Water by Karl Fischer	0-1 (%)	0.05280 %
Purity(HPLC)	99-100 (%)	99.66900 %
Appearance (A107209)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml pass		Pass



John Su
QA & QC Manager