

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-08 16:28:38
 Date of Next Testing: 2028-10-07 16:28:38
 Product Name: **5-Aminolevulinic acid hydrochloride**
 CAS Number: 5451-09-2
 Specifications & Purity: $\geq 99\%$
 Lot #: I2425077
 SKU #: **A107209**
 Version: **0**
 Analysis #: **173206**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98.5-101.5 (%)	99.96000 %
Water by Karl Fischer	0-1 (%)	0.12620 %
Purity(HPLC)	98-100 (%)	98.28700 %
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