



Product Specification

Product Name: 5-Aminolevulinic acid hydrochloride
Cat #: A-680
CAS #: 5451-09-2
Storage: Store at -20°C.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (5 % in water)	colorless to almost colorless
Turbidity (0.5 % in water)	≤2.0 NTU
Water Content (K. Fischer)	≤1.0%
Melting Point	151-155°C
Loss on Drying (105°C, 3 h, vacuum)	≤2.0%
Sulfated Ash	≤0.1%
Argentometric Titration	98.0-102.0%
Assay (HPLC)	98.0-102.0%
TLC (butanol/acetic acid/water 3:1:1; ninhydrin)	corresponds to reference material
Residual Solvents sum of 2-propanol and acetone	≤0.5 %
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

Gold Biotechnology, Inc.

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: contactgoldbio86@goldbio.com