

Certificate of Analysis

Date of Testing: 2025-06-11 10:43:43

Date of Next Testing: 2029-06-10 10:43:43

Product Name: **Aniline hydrochloride**

CAS Number: 142-04-1

Specifications & Purity: $\geq 99\%$

Lot #: I2109081

SKU #: **A111640**

Version: **0**

Analysis #: **522605**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue	0-0.05 (%)	0.03 %
Melting point	197-200 (°C)	199.95800 °C
Sulfate(SO42-)	0-200 (ppm)	68.00 ppm
Purity(Titration by AgNO3)	99-100.5 (%)	99.37 %
Appearance (A111640)	White to Faint Green and Yellow Powder or Crystals	White to Faint Green and Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Green-Yellow/Brown-Yellow,Hazy0.1g/ml	pass	Pass



John Su
QA & QC Manager