

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-19 10:13:12

Date of Next Testing: 2026-12-18 10:13:12

Product Name: **Aniline hydrochloride**

CAS Number: 142-04-1

Specifications & Purity: 99%

Lot #: L2208237

SKU #: **A111640****Analysis: 138275**

Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|--|--|
| Sulfate(SO42-) | 0-200 (ppm) | 13.62 ppm |
| Purity(Titration by AgNO3) | 99-100.5 (%) | 100.44 % |
| Melting point | 197-200 (°C) | 198.75000 °C |
| Ignition Residue | 0-0.05 (%) | 0.00 % |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H2O , Colorless to Green-Yellow/Brown-Yellow,Hazy0.1g/ml | pass | Pass |
| Appearance (A111640) | White to Faint Green and Yellow Powder or Crystals | White to Faint Green and Yellow Powder or Crystals |

John Su
QA & QC Manager