

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-03 10:45:55

Date of Next Testing: 2028-12-02 10:45:55

Product Name: **Acetanilide**

CAS Number: 103-84-4

Specifications & Purity: AR, ≥99%

Lot #: K2427223

SKU #: **A103954**

Version: **4**

Analysis #: **436721**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	114-116 (°C)	115.90000 °C
Water by Karl Fischer	0-1.5 (%)	0.14670 %
Purity(GC)	99-100 (%)	99.32700 %
Acidity(as H ⁺),b/(mmol/g)	0-0.0007	0.00000
Ignition Residue	0-0.03 (%)	0.00000 %
Free aniline	0-0.004 (%)	0.00300 %
Appearance (A103954)	White to Beige Powder or Crystals or Fibers	White to Beige Powder or Crystals or Fibers
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager