

## Certificate of Analysis

Date of Testing: 2022-08-31 17:18:56  
Date of Next Testing: 2026-08-30 17:18:56  
Product Name: **Acetanilide**  
CAS Number: 103-84-4  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: H2217154  
SKU #: **A103954**  
**Analysis:** **122407**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.03 (%)	0.01 %
Free aniline	0-0.004 (%)	0.00 %
Water by Karl Fischer	0-1.5 (%)	0.11 %
Purity(GC)	99-100 (%)	99.42 %
free acid (as CH <sub>3</sub> COOH)	0-0.004 (%)	0.00 %
Melting point	113-115 (°C)	114.98000 °C
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