

## Certificate of Analysis

Date of Testing: 2023-01-06 14:14:48  
Date of Next Testing: 2027-01-05 14:14:48  
Product Name: **Acetanilide**  
CAS Number: 103-84-4  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: A2303020  
SKU #: **A103954**  
**Analysis:** **163333**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.03 (%)	0.00 %
Free aniline	0-0.004 (%)	0.00 %
Water by Karl Fischer	0-1.5 (%)	0.04 %
Acidity(as H <sup>+</sup> ),b/(mmol/g)	0-0.0007	0.00000
Purity(GC)	99-100 (%)	99.59 %
Melting point	114-116 (°C)	115.89000 °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