

## Certificate of Analysis

Date of Testing: 2022-08-31 18:58:08  
Date of Next Testing: 2026-08-30 18:58:08  
Product Name: **Acetanilide**  
CAS Number: 103-84-4  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: H2217155  
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