

## Certificate of Analysis

Date of Testing: 2023-10-27 09:50:09  
Date of Next Testing: 2027-10-26 09:50:09  
Product Name: **Acetanilide**  
CAS Number: 103-84-4  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: J2323107  
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                       |



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