

TIQ-F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Acetanilide 98.5 % Extrapure

Catalog Number : O-5291

Batch Number : 5291-00000000

CAS Number : 103-84-4

Molecular Weight : 135.17 g/mol

Mol. Formula : C<sub>8</sub>H<sub>9</sub>NO

Expire Date : 60 months

**SAMPLE**

No	Test	Specifications	Results
1	Appearance	White, shiny crystals, usually in scales or a white crystalline powder	White crystalline powder
2	Assay ( by GC)	min 98.5 %	98.75%
3	Solubility	Freely soluble in alcohol and in chloroform, soluble in ether, and in glycerin, slightly soluble in water	complies
4	pH (1% aqueous)	5.0 - 7.0	6.2
5	Melting point	114 - 116 °C	114.2 - 115.6 °C
6	Loss on drying	max 0.5 %	0.095%
7	Residu on ignition	max 0.05 %	0.023%

Corresponds to Extrapure Grade

**LABOTIQ** In-house product specification for Extrapure

SUDIROS.Si.  
Manager QC