

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Sulphanilamide 99 % AR

Catalog Number : O-5250

Batch Number : 5250-00000000

CAS Number : 63-74-1

Molecular Weight : 172.20 g/mol

MoL. Formula : C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>S

Expire Date : 60 Months

No	Test	Specifications	Results
1	Appearance	White to off white crystals or crystalline powder	Off white crystalline powder
2	Assay (on anhydrous basis)	min 99.0 %	99.35%
3	Identity (IR)	conforms to structure	complies
4	Acid insoluble impurities	passes test	passes
5	Alkali insoluble impurities	passes test	passes
6	Melting range	163 - 166 °C	165.2 °C
7	Chloride (Cl)	max 0.01 %	0.0044%
8	Sulphate (SO <sub>4</sub> )	max 0.02 %	0.0093%
9	Heavy metals (as Pb)	max 0.002 %	0.00025%
10	Sulphated ash	max 0.1 %	0.014%
11	Loss on drying (at 105 °C)	max 0.5 %	0.175%

Corresponds to AR/ACS Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification



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Manager QC