

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Thiourea 99% AR

Catalog Number : O-5219

Batch Number : 5219-00000000

CAS Number : 62-56-6

Molecular Weight : 76.12 g/mol

Mol. Formula : $\text{NH}_2\cdot\text{CS}\cdot\text{NH}_2$

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay	min 99%	99.805%
3	Melting Point	174-178°C	176° C
4	Insoluble matter in water	max 0.005%	0.0025%
5	Sulphated ash	max 0.05%	0.023%
6	Sulphate (SO_4)	max 0.01%	<0.01%
7	Iron (Fe)	max 0.0005%	0.00022%
8	Loss on drying (at 105°C)	max 0.5%	0.28%
9	Sensitivity for Bismuth	Passes test	Passes test

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC