

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Thiocyanate 98.5% AR

Catalog Number : O-5035

Batch Number : 5035-00000000

CAS Number : 1762-95-4

Molecular Weight : 76.12 g/mol

Mol. Formula : NH_4SCN

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless or White crystalline powder	White crystalline powder
2	Assay (argentometric)	min 98.5 %	99.42%
3	pH (5% solution in water, 25 °C)	4.5 – 6.0	5.27
4	Insoluble matter	max 0.005 %	0.0024%
5	Residu on ignition (as SO_4)	max 0.025 %	0.0077%
6	Chloride (Cl)	max 0.005 %	0.0035%
7	Sulphate (SO_4)	max 0.005 %	0.00087%
8	Heavy metals (as Pb)	max 0.0005 %	0.00021%
9	Copper (Cu)	max 0.0004 %	0.00023%
10	Iron (Fe)	max 0.0003 %	0.00009%
11	Iodine consuming substances	max 0.004 meq/g	0.0016 meq/g

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIYO S.Si.
Manager QC