

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Ammonium Thiocyanate AR

Mol. Formula : NH_4SCN

Mol. Weight : 76.12 g/mol

Catalog No. : A-2108

Cas No : 1762-95-4



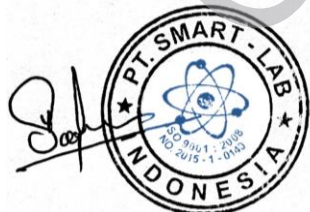
Batch No. : Sample COA

Shelf Life : 60 Months

NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	–	Colorless or White crystalline powder	White crystalline powder
2.	Assay (argentometric)	wt %	min 99.0	100.236
3.	pH (5% in water)	–	4.5 – 6.0	5.15
4.	Insoluble matter	wt %	max 0.005	0.0029
5.	Residue after ignition	wt %	max 0.025	0.018
6.	Chloride (Cl)	wt %	max 0.005	< 0.005
7.	Sulphate (SO_4)	wt %	max 0.005	< 0.005
8.	Sulphide (S)	wt %	max 0.001	< 0.0001
9.	Heavy metals (as Pb)	wt %	max 0.0005	< 0.0005
10.	Copper (Cu)	wt %	max 0.0004	< 0.0004
11.	Iron (Fe)	wt %	max 0.0003	< 0.0003
12.	Iodine consuming substance	wt %	max 0.02	0.012

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC