

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Potassium thiocyanate AR

Mol. Formula : KSCN

Mol. Weight : 97.18 g/mol

Catalog No. : A-2058

Cas No : 333-20-0

Batch No. : Sample COA

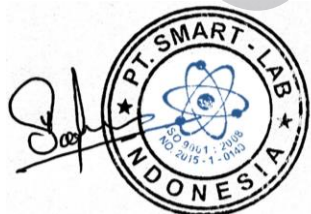
Shelf Life : 60 Months



NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	–	Colorless or white crystals	white crystals
2.	Assay (argentometric)	wt %	min 99.0	99.695
3.	pH (5% solution at 25 °C)	–	5.3 – 8.7	6.55
4.	Substances insoluble in water	wt %	max 0.005	0.0017
5.	Substances insoluble in ethanol	wt %	max 0.01	0.0068
6.	Chloride (Cl)	wt %	max 0.005	0.0033
7.	Sulphate (SO ₄)	wt %	max 0.005	0.002
8.	Ammonium (NH ₄)	wt %	max 0.003	0.0012
9.	Iron (Fe)	wt %	max 0.0002	0.0000026
10.	Heavy metals (as Pb)	wt %	max 0.0005	< 0.0001
11.	Sodium (Na)	wt %	max 0.005	0.000184
12.	Iodine consuming substances (I)	–	passes test (not more than 0.2 ml of 0.1 N iodine solution per gram)	Passes Test

Result: The above product corresponds to AR Grade

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



Yuvraj Sagvekar
Manager QC