



**ChemPure* Brand
Chemicals**

DATE: March 5, 2021

...Pure Quality

Certificate of Analysis Potassium Thiocyanate ACS

Catalog Number:	CP-A4705D
Lot Number:	0305101CP
CAS Number:	333-20-0
Synonym(s):	Potassium rhodanide
Molecular Formula:	KSCN
Molecular Weight:	97.18
Storage:	15°C-30°C
Date of Manufacture:	October 8, 2020
Retest Date:	October 7, 2025

Analytical Results		
Item	Specifications	Analysis
Appearance	Colorless to white crystals	Conforms
Assay (KSCN)	98.5% min.	99.24%
pH of a 5% solution at 25°C	5.3-8.7	6.46
Insoluble in water	0.005% max.	<0.003%
Iodine-consuming substances	To pass test	Passes Test
Ammonium (NH ₄)	0.003% max.	<0.003%
Iron (Fe)	2 ppm max.	<2 ppm
Chloride (Cl)	0.005% max.	<0.005%
Sodium (Na)	0.005% max.	<0.005%
Sulfate (SO ₄)	0.005% max.	<0.0032%
Heavy Metals (as Pb)	5 ppm max,	<5 ppm
Identification	To Pass Test	Conforms

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