

## 410– POTASSIUM THIOCYANATE, AR GRADE

REF NO: TBL/QA/SS/LC/410	<b>STANDARD SPECIFICATION FOR POTASSIUM THIOCYANATE, AR GRADE</b>	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product Code: 410

### PRODUCT PROPERTIES

C.A.S Number	333-20-0
Chemical Formula	KSCN
Formula weight	97.18
Functional Uses	Potassium thiocyanate may be used in the synthesis of the $\alpha$ -Amino nitriles from tertiary amines.
Standard Packaging	500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% sol. in H <sub>2</sub> O 25°C)	5.3 – 8.7
Iron (Fe)	NMT- 0.0001%
Heavy Metal (Pb)	NMT- 0.0002%
Chloride (Cl)	NMT- 0.005%
Sulphate (SO <sub>4</sub> )	NMT- 0.005%
Assay	NLT- 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

