



# Certificate of Analysis

<b>Product</b>	<b>41027 - Potassium Thiocyanate extrapure AR, 99% - [333-20-0]</b>
<b>Batch No</b>	<b>8570787</b>
<b>Analysis Date</b>	23-Mar-2024
<b>Date of Manufacture</b>	March 2024
<b>Expiry Date/Re-Test Date</b>	March 2029
<b>Molecular Formula</b>	KSCN
<b>Molecular Weight</b>	97.18

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.3%
pH (10% aq. solution)	5.5 - 8.0	6.33
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Ammonium (NH <sub>4</sub> )	max, 0.002%	Passes
Sulphide (S)	max. 0.001%	Passes
Iodine reducing substances (I)	max. 0.015%	Passes