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## Certificate of Analysis

<b>Product</b>	<b>48319 - Potassium Persulphate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [7727-21-1]</b>
<b>Batch No</b>	<b>1370171</b>
<b>Analysis Date</b>	31-Jan-2023
<b>Date of Manufacture</b>	January 2023
<b>Expiry Date/Re-Test Date</b>	January 2028
<b>Molecular Formula</b>	K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
<b>Molecular Weight</b>	270.31

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% hot aq. solution	Clear	Clear
Solubility (Colour) 10% hot aq. solution	Colourless	Colourless
Assay (Iodometric)	min. 99%	99.3%
Insoluble matter	max. 0.005%	0.001%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Copper (Cu)	max. 0.001%	Passes
Ammonium (NH <sub>4</sub> )	max. 0.0005%	Passes
Acidity (H <sub>2</sub> SO <sub>4</sub> )	max. 0.05%	0.04%
Manganese (Mn)	max. 0.0002%	Passes

FRM/82/11/4/48319 Rev No. 2 Date 31/01/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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