

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM THIOSULPHATE (PENTAHYDRATE) AR

CAS No	: 10102-17-7	Product code	: 26180
Mol. Formula	: Na ₂ S ₂ O ₃ .5H ₂ O	Batch No.	: MCAR-00967
Mol. WT	: 248.17	Mfd.	: Dec. 2024
Date of Analysis	: 17/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	Description	Colourless cubic crystals or white crystalline powder.	Colourless cubic crystals
2	Assay (by iodometry)	99.5-100.5% w/w	99.96% w/w
3	pH (5% aq. Solution)	5.5-7.5	6.43
4	Insoluble matter	0.003% max	0.001%
5	Chloride (Cl)	0.01% max	< 0.01%
6	Nitrogen compounds (N)	0.005%max	<0.005%
7	Sulphate & sulphite (as SO₄)	0.03% max	<0.03%
8	Sulphide (S)	0.0002%max	<0.0002%
9	Calcium (Ca)	0.002%max	<0.002%
10	Copper (Cu)	0.0005%max	<0.0005%
11	Iron (Fe)	0.0005% max	<0.0005%
12	Lead (Pb)	0.0005%max	<0.0005%
13	Magnesium (Mg)	0.001%max	<0.001%
14	Potassium (K)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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