



## CERTIFICATE OF ANALYSIS

Date: 15/09/18

PRODUCT NAME : SODIUM THIOSULPHATE (PENTAHYDRATE) AR

CAS No : 10102-17-7  
Mol. Formula :  $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$   
Mol. WT : 248.17  
Exp. : Aug. 2023

Product code : 26180  
Batch No : MCRT-16881  
Mfd. : Sept. 2018

S. R	Test	Specification	Observation
1	Description	Colourless cubic crystals or crystalline powder, free from white powder.	Colourless cubic crystals.
2	Assay (by iodometry)	99.5-100.5% w/w	99.88% w/w
3	pH (5% aq. Solution)	5.5-7.5	6.27
4	Insoluble matter	0.003% max	0.0016%
5	Chloride (Cl)	0.02% max	< 0.02%
6	Nitrogen compounds(N)	0.005% max	<0.005%
7	Sulphate & sulphite (as $\text{SO}_4$ )	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]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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