



Quality control laboratory

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|--------------|---------------------------------|-----------|----------|
| Product name | Sodium thiosulfate pentahydrate | Batch no. | STS890K |
| MFG .Date | 07/2025 | EXP.Date | 07/2030 |
| Sensitive | -- | Storage | 5 – 30 C |

CAS no. 10102-17-7 M.W 248.18 g/mol M.F Na₂S₂O₃.5H₂O

| S.N | Characteristics | Unite | Specification | Result |
|-----|---------------------|----------|-------------------|--------|
| 1 | Appearance | | Colorless crystal | pass |
| 2 | Density | g/ml | 1.74 | pass |
| 3 | Solubility | In water | soluble | pass |
| 4 | MP | C | 48.0 - 50 | pass |
| 5 | pH | --- | 6.0 – 8.4 | pass |
| 6 | Assay | Wt% | Min 98 | 99.8 |
| 7 | Heavy metal as (Pb) | PPM | MAX 2 | Pass |
| 8 | Sulfate | PPM | MAX 10 | Pass |
| 9 | Calcium | PPM | MAX 10 | Pass |

Above batch material complies with prescribed quality of the standard as stated above.

M.Nashat

QC Manger

