

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Sodium Thiosulphate Anhydrous AR

Mol. Formula : $\text{Na}_2\text{S}_2\text{O}_3$

Mol. Weight : 158.10 g/mol

Catalog No. : A-3268

Batch No. : Sample COA

Cas No : 7772-98-7

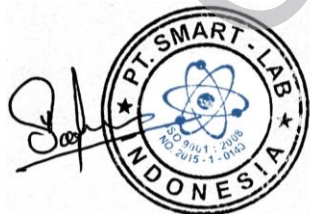
Shelf Life : 60 Months

| NO. | TESTS | UNITS | SPECIFICATIONS | RESULTS |
|-----|---|-------|--|--------------------------|
| 1. | Appearance | - | Colourless or white crystalline powder | white crystalline powder |
| 2. | Assay (iodometric) | wt % | min 97.0 | 98.354 |
| 3. | pH (5 % solution at 25 °C) | - | 6.0 – 8.5 | 6.825 |
| 4. | Insoluble matter | wt % | max 0.01 | 0.008 |
| 5. | Acidity (as H_2SO_4) | wt % | max 0.005 | NIL |
| 6. | Alkalinity (as NaOH) | wt % | max 0.004 | 0.003 |
| 7. | Calcium (Ca) | wt % | max 0.01 | 0.0037 |
| 8. | Heavy metals (as Pb) | wt % | max 0.001 | < 0.001 |
| 9. | Sulphate and sulphite (as SO_4) | wt % | max 0.5 | 0.22 |
| 10. | Sulphide (S) | wt % | max 0.0001 | < 0.0001 |
| 11. | Loss on drying (at 105°C) | wt % | max 1.0 | 0.134 |

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC