

## Certificate of Analysis

Date of Testing: 2022-09-03 14:45:16

Date of Next Testing: 2026-09-02 14:45:16

Product Name: **2-Thiobarbituric acid**

CAS Number: 504-17-6

Specifications & Purity: 98%

Lot #: I2202182

SKU #: **T108505**

**Analysis:** **078100**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                      | Limit Values           | Result                 |
|--------------------------------|------------------------|------------------------|
| Purity(HPLC)                   | 98-100 (%)             | 98.20600 %             |
| Sulfur by Elemental Analysis   | 21.75-22.65 (%)        | 21.79 %                |
| Purity(Titration by 0.1M NaOH) | 98-102 (%)             | 98.15 %                |
| Loss on drying                 | 0-2 (%)                | 0.00 %                 |
| Appearance (T108505)           | White to Yellow Powder | White to Yellow Powder |
| Infrared spectrum              | Conforms to Structure  | Conforms to Structure  |



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