

Certificate of Analysis

Date of Testing: 2024-05-07 16:46:45
Date of Next Testing: 2028-05-06 16:46:45
Product Name: **2-Thiobarbituric acid**
CAS Number: 504-17-6
Specifications & Purity: 98%
Lot #: D2429421
SKU #: **T108505**
Analysis: **348656**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|--------------------------------|------------------------|------------------------|
| Purity(HPLC) | 98-100 (%) | 99.57700 % |
| Purity(Titration by 0.1M NaOH) | 98-102 (%) | 98.20 % |
| Loss on drying | 0-2 (%) | 0.00 % |
| Sulfur by Elemental Analysis | 21.75-22.65 (%) | 21.75 % |
| Appearance (T108505) | White to Yellow Powder | White to Yellow Powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager