

## Certificate of Analysis

Date of Testing: 2022-09-13 13:42:37  
Date of Next Testing: 2026-09-12 13:42:37  
Product Name: **2-Thiobarbituric acid**  
CAS Number: 504-17-6  
Specifications & Purity: 98%  
Lot #: I2208483  
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



John Su  
QA & QC Manager