

## Certificate of Analysis

Date of Testing: 2023-05-20 17:51:18  
Date of Next Testing: 2027-05-19 17:51:18  
Product Name: **2-Thiobarbituric acid**  
CAS Number: 504-17-6  
Specifications & Purity: 98%  
Lot #: D2328038  
SKU #: **T108505**  
**Analysis:** **177155**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.38900 %
Sulfur by Elemental Analysis	21.75-22.65 (%)	21.87 %
Purity(Titration by 0.1M NaOH)	98-102 (%)	100.85 %
Loss on drying	0-2 (%)	0.13 %
Appearance (T108505)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager