

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-16 11:38:56  
Date of Next Testing: 2026-02-15 11:38:56  
Product Name: **2-Thiobarbituric acid**  
CAS Number: 504-17-6  
Specifications & Purity: 98%  
Lot #: B2210151  
SKU #: **T108505**  
**Analysis:** **063112**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87700 %
Sulfur by Elemental Analysis	21.75-22.65 (%)	22.10 %
Purity(Titration by 0.1M NaOH)	98-102 (%)	99.27 %
Loss on drying	0-2 (%)	0.79 %
Appearance (T108505)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager