

Certificate of Analysis

Date of Testing: 2025-04-18 11:08:28
Date of Next Testing: 2029-04-17 11:08:28
Product Name: **2-Thiobarbituric acid**
CAS Number: 504-17-6
Specifications & Purity: Moligand™, ≥98%
Lot #: D2515486
SKU #: **T108505**
Version: **0**
Analysis #: **490909**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81100 %
Purity(Titration by 0.1M NaOH)	98-102 (%)	98.30 %
Loss on drying	0-2 (%)	0.02 %
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