

## Certificate of Analysis

Date of Testing: 2023-07-07 15:55:00

Date of Next Testing: 2025-07-06 15:55:00

Product Name: **Butyl sulfide**

CAS Number: 544-40-1

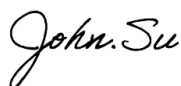
Specifications & Purity:  $\geq 98\%$

Lot #: J2115498

SKU #: **B136661**

Analysis: **248637**

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20/D</sub> | 1.451-1.454                      | 1.45                             |
| Density (20°C)                     | 0.839-0.841                      | 0.84                             |
| Purity(GC)                         | 98-100 (%)                       | 99.90 %                          |
| Appearance (B136661)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                  | Conforms to Structure            | Conforms to Structure            |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager