

## Certificate of Analysis

Date of Testing: 2022-09-14 10:52:39  
 Date of Next Testing: 2026-09-13 10:52:39  
 Product Name: **4-Methylthio-4-methyl-2-pentanone**  
 CAS Number: 23550-40-5  
 Specifications & Purity: 99%  
 Lot #: I2207863  
 SKU # **M102764**  
 Analysis: **117613**

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Lead(Pb)                            | 0-10 (ppm)                 | 3.67 ppm                   |
| Mercury(Hg)                         | 0-1 (ppm)                  | 0.62 ppm                   |
| Purity(GC)                          | 99-100 (%)                 | 99.17 %                    |
| (As)Arsenic                         | 0-3 (ppm)                  | 2.05 ppm                   |
| Cadmium(Cd)                         | 0-1 (ppm)                  | 0.12 ppm                   |
| Refractive index n <sub>20</sub> /D | 1.47-1.474                 | 1.47                       |
| Appearance (M102764)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to structure      | Conforms to Structure      |



John Su  
 QA & QC Manager