

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-06 18:28:20  
 Date of Next Testing: 2029-01-05 18:28:20  
 Product Name: **2-Methyl-1-[4-(methylthio)phenyl] -2-morpholino-1-propanone**  
 CAS Number: 71868-10-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2503166  
 SKU #: **M130040**  
 Version: **0**  
 Analysis #: **158594**  
 Storage Temperature: Protected from light, Room temperature

| Parameter                                                        | Limit Values                          | Result                                |
|------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Nitrogen by Elemental Analysis                                   | 4.8-5.2 (%)                           | 5.03600 %                             |
| Carbon by Elemental Analysis                                     | 62.9-66.1 (%)                         | 64.40800 %                            |
| Purity(GC)                                                       | 98-100 (%)                            | 98.84900 %                            |
| Melting point                                                    | 73-77 (°C)                            | 75.52000 °C                           |
| Appearance (M130040)                                             | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                              | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in Acetone , Colorless to Yellow, Clear; c = 25 mg/ml | pass                                  | Pass                                  |



John Su  
QA & QC Manager