

## Certificate of Analysis

Date of Testing: 2023-11-20 11:29:38

Date of Next Testing: 2026-11-19 11:29:38

Product Name: **1,3-Bis(4-methoxyphenyl)-1,3-propanedione**

CAS Number: 18362-51-1

Specifications & Purity: 98%

Lot #: A1520083

SKU # **B121529**

**Analysis: 296935**

| Parameter                    | Limit Values              | Result                    |
|------------------------------|---------------------------|---------------------------|
| Purity(GC)                   | 98-100 (%)                | 99.68 %                   |
| Water by Karl Fischer        | 0-1 (%)                   | 0.36 %                    |
| Melting point                | 115-118 (°C)              | 116.84000 °C              |
| Oxygen                       | 21.8-22.7 (%)             | 22.14 %                   |
| Carbon by Elemental Analysis | 69.3-74.4 (%)             | 71.50 %                   |
| Appearance (B121529)         | yellow powder or crystals | yellow powder or crystals |
| Infrared spectrum            | Conforms to Structure     | Conforms to Structure     |
| NMR spectrum                 | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager