

## Certificate of Analysis

Date of Testing: 2024-07-13 08:57:28

Date of Next Testing: 2026-07-13 08:57:28

Product Name: **Methyl Arachidate**

CAS Number: 1120-28-1

Specifications & Purity:  $\geq 98.0\%$ (GC)

Lot #: G2405221

SKU #: **M101216**

Version: **0**

Analysis #: **335459**

Storage Temperature: Store at -20°C

| Parameter                                                                       | Limit Values                                  | Result                                        |
|---------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(GC)                                                                      | 98-100 (%)                                    | 98.27 %                                       |
| Melting point                                                                   | 45-50 (°C)                                    | 46.00000 °C                                   |
| Appearance (M101216)                                                            | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum                                                             | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in CHCL <sub>3</sub> , clear colorless , 50mg plus 1ml of chloroform | pass                                          | Pass                                          |



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