

## Certificate of Analysis

Date of Testing: 2024-11-07 10:50:54

Date of Next Testing: 2026-11-07 10:50:54

Product Name: **Ionomycin (Calcium salt)**

CAS Number: 56092-82-1

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: B2311827

SKU #: **I133497**

Version: **1**

Analysis #: **432035**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                              | Limit Values                | Result                      |
|------------------------------------------------------------------------|-----------------------------|-----------------------------|
| Purity(HPLC)                                                           | 98-100 (%)                  | 98.20000 %                  |
| Melting point                                                          | 195-206 (°C)                | 199.20000 °C                |
| Appearance (I133497)                                                   | white to light yellow solid | white to light yellow solid |
| Proton NMR spectrum                                                    | Conforms to Structure       | Conforms to Structure       |
| Solubility in DMSO , Colorless to Faint Yellow Clear(9.80-10.20 mg/ml) | Conforms                    | Conforms                    |



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