

## Certificate of Analysis

Date of Testing: 2022-05-25 16:20:21

Date of Next Testing: 2024-05-24 16:20:21

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

CAS Number: 56092-82-1

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

Lot #: C2226612

SKU # **I133497**

**Analysis:** **091939**

Storage Temperature: Store at -20°C

| Parameter                                                                 | Limit Values                   | Result                         |
|---------------------------------------------------------------------------|--------------------------------|--------------------------------|
| Purity(HPLC)                                                              | 98-100 (%)                     | 99.13000 %                     |
| Melting point                                                             | 195-206 (°C)                   | 198.00000 °C                   |
| Appearance (I133497)                                                      | white to light yellow<br>solid | white to light yellow<br>solid |
| Proton NMR spectrum                                                       | Conforms to Structure          | Conforms to Structure          |
| Solubility in DMSO , Colorless to Faint Yellow Clear(9.80-10.20<br>mg/ml) | Conforms                       | Conforms                       |



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