

## Certificate of Analysis

Date of Testing: 2025-04-01 17:57:40

Date of Next Testing: 2027-03-22 17:57:40

Product Name: **10,12-Pentacosadiynoic acid**

CAS Number: 66990-32-7

Specifications & Purity:  $\geq 97\%$

Lot #: C2531086

SKU #: **P111068**

Version: **0**

Analysis #: **486667**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                        | Limit Values                                                                       | Result                                                                             |
|----------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Purity(Neutralization titration) | 96.5-102.5 (%)                                                                     | 97.95 %                                                                            |
| Melting point                    | 62-65 (°C)                                                                         | 64.95000 °C                                                                        |
| Appearance (P111068)             | White to Faint Blue to Gray to Dark blue<br>Powder or Crystals or Flakes or Chunks | White to Faint Blue to Gray to Dark blue<br>Powder or Crystals or Flakes or Chunks |
| Proton NMR spectrum              | Conforms to Structure                                                              | Conforms to Structure                                                              |



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