

## Certificate of Analysis

Date of Testing: 2025-06-19 17:51:37

Date of Next Testing: 2029-06-18 17:51:37

Product Name: **Terephthalonitrile**

CAS Number: 623-26-7

Specifications & Purity:  $\geq 98\%$

Lot #: F2506441

SKU #: **D111053**

Version: **0**

Analysis #: **383939**

| Parameter                 | Limit Values                                        | Result                                              |
|---------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(HPLC)              | 98-100 (%)                                          | 98.62000 %                                          |
| Melting point             | 223-230 (°C)                                        | 225.20000 °C                                        |
| Appearance (D111053)      | White to Yellow and Beige Powder, Crystal or chunks | White to Yellow and Beige Powder, Crystal or chunks |
| Infrared spectrum         | Conforms to Structure                               | Conforms to Structure                               |
| Solubility in hot Toluene | almost transparency                                 | almost transparency                                 |



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