

## Certificate of Analysis

Date of Testing: 2024-09-09 11:19:12

Date of Next Testing: 2028-09-08 11:19:12

Product Name: **Diethyl 2,2':6',2''-Terpyridine-4'-phosphonate**

CAS Number: 161583-75-1

Specifications & Purity:  $\geq 93\%$

Lot #: I2402072

SKU # **D154594**

Version **1**

Analysis #: **362472**

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

| Parameter           | Limit Values                            | Result                                  |
|---------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC area)   | 93-100 (%)                              | 99.46 %                                 |
| Melting point       | 147-151 (°C)                            | 150.05000 °C                            |
| Appearance(D154594) | White to Light yellow powder to crystal | White to Light yellow powder to crystal |
| NMR Spectrum 1H     | Conforms to structure                   | Conforms to Structure                   |



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