

## Certificate of Analysis

Date of Testing: 2023-03-22 18:03:52

Date of Next Testing: 2027-03-21 18:03:52

Product Name: **Variamine Blue B Base [Redox Indicator]**

CAS Number: 101-64-4

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

Lot #: C2309769

SKU #: **V162976**

Version: **1**

Analysis #: **164548**

| Parameter                    | Limit Values                                 | Result                                       |
|------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(Nonaqueous Titration) | 98-102.5 (%)                                 | 99.58 %                                      |
| Melting point                | 98-103 (°C)                                  | 102.30000 °C                                 |
| NMR Spectrum 1H              | Conforms to Structure                        | Conforms to Structure                        |
| Appearance(V162976)          | Gray to Dark blue to Black powder to crystal | Gray to Dark blue to Black powder to crystal |



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