

## Certificate of Analysis

Date of Testing: 2023-08-07 11:29:22

Date of Next Testing: 2027-08-06 11:29:22

Product Name: **o-Tolidine**

CAS Number: 119-93-7

Specifications & Purity:  $\geq 98\%$

Lot #: H2301101

SKU #: **T100410**

Version: **0**

Analysis #: **085572**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                               | Limit Values                                  | Result                                        |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Melting point                           | 127-131 (°C)                                  | 127.19000 °C                                  |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                | 99.20 %                                       |
| Purity(GC)                              | 98-100 (%)                                    | 98.12 %                                       |
| Appearance (T100410)                    | White to Grey and Faint Brown Powder or Solid | White to Grey and Faint Brown Powder or Solid |
| Proton NMR spectrum                     | Conforms to Structure                         | Conforms to Structure                         |
| Sensitiveness test                      | pass                                          | Pass                                          |



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