

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-06 11:50:40

Date of Next Testing: 2028-05-05 11:50:40

Product Name: **N,N,N',N'-Tetramethyl-p-phenylenediamine**

CAS Number: 100-22-1

Specifications & Purity:  $\geq 99\%$

Lot #: D2518353

SKU #: **I165342**

Version: **0**

Analysis #: **492470**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter            | Limit Values                                                 | Result                                                       |
|----------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Purity(GC)           | 99-100 (%)                                                   | 99.30000 %                                                   |
| Melting point        | 48-52 (°C)                                                   | 51.19000 °C                                                  |
| Appearance (I165342) | White to brown and light grey to Gree-beige powder or Flakes | White to brown and light grey to Gree-beige powder or Flakes |
| Proton NMR spectrum  | Conforms to Structure                                        | Conforms to Structure                                        |



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QA & QC Manager