

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-25 16:14:58

Date of Next Testing: 2028-09-24 16:14:58

Product Name: **o-Nitrotoluene**

CAS Number: 88-72-2

Specifications & Purity:  $\geq 99\%$

Lot #: I2413118

SKU # **N104633**

Version **1**

**Analysis #:** **338782**

Storage Temperature: Room temperature, Desiccated

| Parameter                          | Limit Values                                  | Result                                        |
|------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(GC)                         | 99-100 (%)                                    | 99.21000 %                                    |
| Density (20°C)                     | 1.163-1.166                                   | 1.16300                                       |
| Refractive index n <sub>20/D</sub> | 1.544-1.548                                   | 1.54800                                       |
| Appearance (N104633)               | Light Yellow to Yellow to Yellow-Green Liquid | Light Yellow to Yellow to Yellow-Green Liquid |
| Infrared spectrum                  | Conforms to Structure                         | Conforms to Structure                         |
| Proton NMR spectrum                | Conforms to Structure                         | Conforms to Structure                         |



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