

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-09 13:44:06

Date of Next Testing: 2028-12-08 13:44:06

Product Name: **3-Nitro-O-Xylene**

CAS Number: 83-41-0

Specifications & Purity:  $\geq 99\%$

Lot #: C2115078

SKU #: **N114374**

Version: **1**

Analysis #: **445399**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                                                                                   | Result                                                                                         |
|------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Purity(GC)                         | 99-100 (%)                                                                                     | 99.80000 %                                                                                     |
| Refractive index n <sub>20/D</sub> | 1.543-1.545                                                                                    | 1.54350                                                                                        |
| Appearance (N114374)               | Colorless to Yellow to Amber and Faint Green-<br>Yellow to Dark green Liquid or Viscous Liquid | Colorless to Yellow to Amber and Faint Green-<br>Yellow to Dark green Liquid or Viscous Liquid |
| Proton NMR spectrum                | Conforms to Structure                                                                          | Conforms to Structure                                                                          |



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QA & QC Manager