

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-13 14:15:51

Date of Next Testing: 2026-09-12 14:15:51

Product Name: **N-Ethyl-N-(2-hydroxyethyl)-p-phenylenediamine sulfate**

CAS Number: 4327-84-8

Specifications & Purity:  $\geq 98\%$

Lot #: K1807097

SKU #: **E112981**

Version **0**

**Analysis #:** **133954**

Storage Temperature: Argon charged

| Parameter                                             | Limit Values          | Result                |
|-------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                         | 174-182 (°C)          | 178.60000 °C          |
| Purity(Neutralization titration)                      | 98-100 (%)            | 98.22100 %            |
| Proton NMR spectrum                                   | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Solution transparent | pass                  | Pass                  |



John Su  
QA & QC Manager