

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-21 14:44:52

Date of Next Testing: 2028-02-20 14:44:52

Product Name: **Dodecylbenzenesulfonic Acid(DBSA)**

CAS Number: 27176-87-0

Specifications & Purity:  $\geq 90\%$ , minxture

Lot #: A2426022

SKU # **D106550**

Version **1**

**Analysis #:** **160447**

Storage Temperature: Store at 2-8°C

| Parameter                      | Limit Values                                | Result                                      |
|--------------------------------|---------------------------------------------|---------------------------------------------|
| Petroleum ether soluble matter | 0-2.5 (%)                                   | 1.06800 %                                   |
| Purity (Titration by NaOH)     | 90-110 (%)                                  | 106.48000 %                                 |
| Neutralization Value           | 177-187                                     | 181.50000                                   |
| Appearance (D106550)           | Colorless to Yellow Viscous Liquid or solid | Colorless to Yellow Viscous Liquid or solid |
| Infrared spectrum              | Conforms to Structure                       | Conforms to Structure                       |
| Proton NMR spectrum            | Conforms to Structure                       | Conforms to Structure                       |



John Su  
QA & QC Manager