

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-09 12:34:03  
 Date of Next Testing: 2029-09-08 12:34:03  
 Product Name: **Lauric acid diethanolamide (LDEA)**  
 CAS Number: 120-40-1  
 Specifications & Purity:  
 Lot #: I2508786  
 SKU #: **N768850**  
 Version: **2**  
 Analysis #: **547541**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                                   | Result                                         |
|-------------------------------------|------------------------------------------------|------------------------------------------------|
| Acid Value                          | 0-5 (mgKOH/g)                                  | 2.40000 mgKOH/g                                |
| Water by Karl Fischer               | 0-1 (%)                                        | 0.74960 %                                      |
| PH(1% aqueous solution)             | 8-11                                           | 9.55000                                        |
| Amine Value(mg KOH/g) ≤65 (mgKOH/g) |                                                | 46.59000 mgKOH/g                               |
| LC-MS for identification            | Conforms                                       | Conforms                                       |
| Appearance(N768850)                 | White to Light yellow powder to lump or liquid | White to Light yellow powder to lump or liquid |



John Su  
 QA & QC Manager