

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-24 16:18:13  
 Date of Next Testing: 2029-05-23 16:18:13  
 Product Name: **Dibutyl phthalate (DBP)**  
 CAS Number: 84-74-2  
 Specifications & Purity: Moligand™, ≥99%(GC)  
 Lot #: E2516217  
 SKU #: **D639764**  
 Version: **2**  
 Analysis #: **509986**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20/D</sub> | 1.49-1.495            | 1.49250               |
| Water by Karl Fischer              | 0-0.15 (%)            | 0.01970 %             |
| Purity(GC)                         | 99-100 (%)            | 99.54000 %            |
| Acid Value                         | 0-0.12 (mgKOH/g)      | 0.00000 mgKOH/g       |
| Specific gravity (20/20°C)         | 1.044-1.048           | 1.04800               |
| Appearance(D639764)                | Colorless liquid      | Colorless liquid      |
| Proton NMR spectrum                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager