

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-14 18:44:19

Date of Next Testing: 2029-01-13 18:44:19

Product Name: **Dibutyl phthalate (DBP)**

CAS Number: 84-74-2

Specifications & Purity: Moligand™, ≥99%(GC)

Lot #: A2507051

SKU #: **D639764**

Version: **2**

Analysis #: **427329**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20/D</sub> | 1.49-1.495            | 1.49260               |
| Water by Karl Fischer              | 0-0.15 (%)            | 0.01470 %             |
| Purity(GC)                         | 99-100 (%)            | 99.51000 %            |
| 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