

## Certificate of Analysis

Date of Testing: 2023-11-13 17:17:04

Date of Next Testing: 2027-11-12 17:17:04

Product Name: **Dibutyl phthalate**

CAS Number: 84-74-2

Specifications & Purity: Moligand™, ≥98%

Lot #: K2309489

SKU #: **D639733**

Version: **1**

Analysis #: **295238**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 98-100 (%)            | 99.42 %               |
| Density (20°C)                      | 1.044-1.048           | 1.05                  |
| Acid Value                          | 0-0.2 (mgKOH/g)       | 0.14 mgKOH/g          |
| Water by Karl Fischer               | 0-0.2 (%)             | 0.02 %                |
| Refractive index n <sub>20</sub> /D | 1.49-1.495            | 1.49                  |
| Appearance(D639733)                 | Colorless liquid      | Colorless liquid      |
| NMR Spectrum 1H                     | Conforms to structure | Conforms to Structure |



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