

## Certificate of Analysis

Date of Testing: 2025-09-05 18:08:54  
Date of Next Testing: 2029-09-04 18:08:54  
Product Name: **Dibutyl phthalate (DBP)**  
CAS Number: 84-74-2  
Specifications & Purity: Moligand™, ≥99%(GC)  
Lot #: I2503222  
SKU #: **D639764**  
Version: **2**  
Analysis #: **548426**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20/D</sub>	1.49-1.495	1.49
Water by Karl Fischer	0-0.15 (%)	0.02 %
Purity(GC)	99-100 (%)	99.65 %
Acid Value	0-0.12 (mgKOH/g)	0.04 mgKOH/g
Specific gravity (20/20°C)	1.044-1.048	1.05
Appearance(D639764)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager