

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-13 15:33:33

Date of Next Testing: 2027-11-12 15:33:33

Product Name: **Dibutyl phthalate**

CAS Number: 84-74-2

Specifications & Purity: Moligand™, ≥98%

Lot #: K2309498

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 ₂₀ /D	1.49-1.495	1.49
Appearance(D639733)	Colorless liquid	Colorless liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager