

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-14 08:58:37  
 Date of Next Testing: 2027-02-13 08:58:37  
 Product Name: **Di-n-octyl phthalate (DNOP)**  
 CAS Number: 117-84-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: B2307362  
 SKU #: **D108624**  
 Version: **0**  
 Analysis #: **180990**  
 Storage Temperature: Room temperature

| Parameter                           | Limit Values                                    | Result                                          |
|-------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(GC)                          | 98-100 (%)                                      | 99.20000 %                                      |
| Density (20°C)                      | 0.978-0.981                                     | 0.97800                                         |
| Refractive index n <sub>20</sub> /D | 1.482-1.486                                     | 1.48320                                         |
| Appearance (D108624Form)            | Liquid or Viscous Liquid                        | Liquid or Viscous Liquid                        |
| Infrared spectrum                   | Conforms to Structure                           | Conforms to Structure                           |
| Proton NMR spectrum                 | Conforms to Structure                           | Conforms to Structure                           |
| Appearance (D108624Color)           | Colorless to Light yellow to Light orange clear | Colorless to Light yellow to Light orange clear |



John Su  
QA & QC Manager