

## Certificate of Analysis

Date of Testing: 2022-09-01 10:55:16  
Date of Next Testing: 2026-08-31 10:55:16  
Product Name: **Di(2-ethylhexyl)phthalate**  
CAS Number: 117-81-7  
Specifications & Purity: Analytical Reagent, 99.0%  
Lot #: H2219265  
SKU #: **D109648**  
Analysis: **119164**

| Parameter                          | Limit Values                             | Result                                   |
|------------------------------------|------------------------------------------|------------------------------------------|
| Water by Karl Fischer              | 0-0.05 (%)                               | 0.03 %                                   |
| Density (20°C)                     | 0.984-0.987                              | 0.98                                     |
| Acidity(PHthalic Acid)             | 0-0.03 (%)                               | 0.01 %                                   |
| Refractive index n <sub>20/D</sub> | 1.485-1.488                              | 1.49                                     |
| Purity(GC)                         | 99-100 (%)                               | 99.32 %                                  |
| Appearance (D109648)               | Colorless to Faint Yellow Viscous Liquid | Colorless to Faint Yellow Viscous Liquid |
| Infrared spectrum                  | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager