

产品质量分析报告
CERTIFICATE OF ANALYSIS

Product Name:DOTP Dioctyl terephthalate

Date:2026-01-12

Item	Index	Result
Appearance	Transparent oily liquid without visible impurities	Transparent oily liquid without visible impurities
Color (APHA)	≤ 20	15
Ester contents%	≥ 99.5	99.6
Specific gravity (20 °C), g / cm ³	0.981—0.985	0.9830
Acid Value (as phthalic acid),%	≤ 0.02	0.008
Water contents%	≤ 0.03	0.018
Flash point, °C	≥ 210	215
Volume resistivity, $\times 10^{11} \Omega \cdot m$	≥ 2.0	6.4
Heat Loss,125°C, 3hr, wt%	≤ 0.10	0.008
Refractive index,N.25/D	1.485-1.490	1.485

