



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-234771
Lot Number: SAMPLE
Product Name: Dioctyl terephthalate
CAS Number: 6422-86-2
Molecular Formula: $C_{24}H_{38}O_4$
Molecular Weight: 390.56

Test	Specification	Result
Appearance	Colorless viscous liquid	Complies
Assay	Miscellaneous assay: $\geq 99.00\%$ (total ester)	99.93 %
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity	$\geq 96.0\%$	97.74%
Specific Gravity	0.983 - 0.988 (20°C)	0.986
Color (APHA)	≤ 15	15
Refractive Index (n _{20/D})	1.487-1.492	1.490
Acidity	$< 0.0700\%$ (as TPA)	0.0327 %
Water Content (KF)	$\leq 0.1000\%$	0.0109 %

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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