

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethyl 3-oxohexanoate,97%

ITEM NUMBER: E107545
BRAND: Aladdin
CAS NUMBER: 3249-68-1
MDL NUMBER: MFCD00009401
FORMULA: C₈H₁₄O₃
MOLECULAR WEIGHT: 158.19

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless liquid		
Arsenic (As)	0 ppm	3 ppm	3 ppm
Cadmium (Cd)	0 ppm	1 ppm	1 ppm
Infrared spectrum	Conforms to Structure		
Lead (Pb)	0 ppm	10 ppm	10 ppm
Mercury (Hg)	0 ppm	1 ppm	1 ppm
Purity(sum of isomers)(GC)	97 %	100 %	100 %
Refractive index n ₂₀ /D	1.425	1.428	1.428
Specific gravity (20/20 ° C)	0.984	0.987	0.987