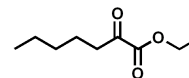


Certificate of Analysis

Date of Manufacture: 2011-05-06
Batch No: A2010506

Date of Analysis: 2011-05-06

Catalog No.: M112121
Product Name: Ethyl 2-oxoheptanoate
Formula: $C_9H_{16}O_3$
Molecular Weight: 172.22
CAS Number: 13088-50-1



Items	Specifications	Results of Analysis
Appearance:	Colorless liquid	Colorless liquid
¹ H-NMR:	Consistent with structure	Consistent with structure
Assay (HPLC):	97.0%min	97.8%
Water Content:	≤0.5%	0.21%

Storage: Room Temperature, Dry
Origin of Country: P. R. China