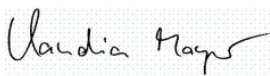


Certificate of Analysis

Product Name: OCTYL FORMATE
>= 97 %, FCC, Kosher
Product Number: W280909
Product Brand: Aldrich
Molecular Formula: C₉H₁₈O₂
Molecular Mass: 158.24
CAS Number: 112-32-3

TEST	SPECIFICATION	LOT S84987V RESULTS
APPEARANCE (COLOR)	COLOURLESS	COLORLESS
APPEARANCE (FORM)	LIQUID	LIQUID
PURITY (GC AREA %)	≥ 97.0 %	99.3 %
SPECIFIC GRAVITY	0.869 - 0.874	0.874
TEMPERATURE	25 DEG C	25 DEG C
REFRACTIVE INDEX N20/D	1.418 - 1.420	1.418
SOLUBILITY (COLOR)	COLOURLESS	COLORLESS
SOLUBILITY (TURBIDITY)	CLEAR	CLEAR
SOLUBILITY (METHOD)	1 ML/5 ML 70% ETHANOL REMAINS CLEAR DILUTED TO 10 ML	1ML/5ML 70%ETOH, REMAINS CLEAR DILUTED TO 10 ML
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
ACID VALUE	0.0 - 1.0 MG KOH/G	0.06 MG KOH/G
CADMIUM (ICP)	≤ 1 PPM	< 1 PPM
LEAD (ICP)	≤ 10 PPM	< 1 PPM
ARSENIC TRACES (F-AAS)	≤ 3 PPM	< 1 PPM
MERCURY TRACES (MHS-AAS)	≤ 1 PPM	< 1 PPM
QC RELEASE DATE	26/MAY/09	



Claudia Mayer, Manager
Quality Control
Steinheim, Germany

Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice for additional terms and conditions of sale. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.