Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	34649
Lot Number	002344-1113
Product	Methyl 10-undecenoate
	10-Undecenoic acid methyl ester
	Undecylenic acid methyl ester
CAS Number	111-81-9
Molecular Formula	$C_{12}H_{22}O_2$
Molecular Weight	198.30
Appearance	Clear, colorless to pale yellow liquid
Odor	Strong rosy, waxy, aldehydic odor
Flash Point	>93 °C
Specific Gravity	0.8846 at 25 °C
Refractive Index	n20/D 1.4374
Purity by GC	99.48%
GCMS	Conforms to standard
Grade	FG, KOSHER, FEMA 4253
Storage	Store at RT
Remarks	See material safety data sheet for additional information
	For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

litumer.

Bala Kumar Quality Control Manager