



EMD Chemicals Inc.
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Name: Hexanes
GR ACS
Meets ACS Specifications

Formula: $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$ with 2- and 3-methylpentanes and methylcyclopentane

Item Number: HX0299-2, HX0299-20, HX0299-3, HX0299-31,
HX0299-32, HX0299-35, HX0299-36,
HX0299-37, HX0299-38, HX0299-39, HX0299-5,
HX0299-6, HX0299-901, HX0299CB-39,
HX0299FB-37, HX0299KS-35, HX0299P-4,
HX0299T-4

Formula Wt: 86.18

Lot Number: 50061

Data Order No: 000423088

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Assay (n-hexane)			60.46	%
Assay (total hexane isomers + methylcyclopentane)	98.5		99.99	%
Color (APHA)		10	< 10	
Form			Clear liquid	
Residue after evaporation		0.001	< 0.0001	%
Sulfur compounds (as S)		0.005	0.0050	%
Thiophene			Passes test	
Water-soluble titrable acid		0.0003	0.00004	meq/g

Gene A. Desotelle,
Quality Control Manager
Release Date: 3/3/2010

EMD Chemicals Inc.
(Formerly EM Science, A Division of EM Industries, Inc.)
An Affiliate of Merck KGaA, Darmstadt, Germany