

07/18/2019

Certificate of Analysis

Product: n-Hexane 95%
Grade: HPLC
Part No.'s: 1916-5

Lot:	J5I118
Mfg. Date:	2019-05-21
Exp. Date:	3 years after Mfg. Date

Manufactured by Duksan Pure Chemicals

Meets ACS Specification

Ultraviolet Spectrophotometry

Maximum UV Absorbance:

Wavelength	Unit	Specification (Max)	Results
195	nm	1.00	0.58
210	nm	0.25	0.11
220	nm	0.075	0.04
254	nm	0.005	0.002
UV Cutoff	nm	195	<195

LC Gradient Suitability

Test	Unit	Specification	Results
Assay	by GC, n-Hexane	%	Min. 95.0
	Total C9 Hydrocarbons	%	Min. 99.8
Color (APHA)		Max. 10	3
Water	%	Max. 0.01	0.002%
Residue After Evaporation	ppm	Max. 3	<1ppm
Water Soluble Titratable Acid	mEq/g	Max. 0.0003	0.00003 mEq/g
Sulfur Compounds (as S)	%	0.005%	<0.005
Thiophene		To Pass Test	Pass

Created By:



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