

Certificate of Analysis

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

Lot:	M46205
Mfg. Date:	2022-04-06
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	0.80
210	nm	0.25	0.20
220	nm	0.075	0.06
254	nm	0.005	0.004
UV Cutoff	nm	195	<195

LC Gradient Suitability

Test	Unit	Specification	Results	
Assay	by GC, n-Hexane	%	Min. 95.0	98.2%
	Total C9 Hydrocarbons	%	Min. 99.8	99.9%
Color (APHA)		Max. 10	2	
Water	%	Max. 0.01	0.001%	
Residue After Evaporation	ppm	Max. 3	<1ppm	
Water Soluble Titratable Acid	mEq/g	Max. 0.0003	0.0001 mEq/g	
Sulfur Compounds (as S)	%	0.005%	<0.005	
Thiophene		To Pass Test	Pass	

Created By:
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