

Certificate of Analysis

Product: Toluene
 Grade: HPLC
 Part No.'s: 187

Lot:	M27111
Mfg. Date:	2022-02-07
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
286	nm	1.00	0.43
288	nm	0.40	0.25
300	nm	0.10	0.07
350	nm	0.01	0.002
UV Cutoff	nm	286	<286

Test	Unit	Specification	Results
Assay (by GC)	%	Min. 99.8	99.9
Color (APHA)	-	Max. 10	3
Water	%	Max. 0.02	0.001
Residue After Evaporation	ppm	Max. 5	<1
Sulfur Compounds (as S)	%	Max. 0.003	<0.003
Substances darkened by sulfuric acid	-	To pass test	pass

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