

Methyl Alcohol
FOR GRADIENT

[67-56-1] (CH₃OH)FW:32.04

Product code : 1915-5

Birch HPLC Grade
Lot-NAV201

TESTS	UNIT	SPECIFICATION	RESULTS
UV Absorbance 220 nm		Max. 0.25	0.14
UV Absorbance 230 nm		Max. 0.15	0.06
UV Absorbance 254 nm		Max. 0.02	0.01
UV Absorbance 280 nm		Max. 0.01	0.001
UV Cutoff	nm	Max. 205	<205
Gradient Elution test			
- Largest eluted peak(254nm)	mAU	Max. 2	<2
Fluorescence Trace Impurities			
- at 450nm Emission	ppb	Max. 0.3	<0.3
- at Emission Maximum for impurities	ppb	Max. 0.5	<0.5
Assay (by GC)	%	Min. 99.9	99.9
Color (APHA)		Max. 10	2
Water	%	Max. 0.05	0.002
Residue after evaporation	ppm	Max. 1	<1
Titration Acid	mEq/g	Max. 0.0003	0.0001
Titration Base	mEq/g	Max. 0.0002	0.00003
Carbonyl Compound	%	Max. 0.001	<0.001
(each of Acetone, Formaldehyde and Acetaldehyde)			
Substances darkened by sulfuric acid		To pass test	pass
Substances reducing Permanganate		To pass test	pass
Solubility in Water		To pass test	pass
Filtered by 0.2um filter			

Mfg. Date : 2023-10-31
 Exp. Date : 3 years after Mfg. Date
 Test Method : ACS 11th Edition
 Tested By : Jong-sun,Won

DUKSAN PURE CHEMICALS CO., LTD

53, Sinwon-ro 133beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea
 TEL : +82-31-495-6886 FAX : +82-31-495-5335
 World Wide Web : WWW.DUKSAN.KR
 E-mail : QC@DUKSAN.KR



Quality Assurance Director