

## Methyl Alcohol

[67-56-1] (CH<sub>3</sub>OH) FW:32.04

Product code. 62

HPLC Grade  
Lot-L4N202

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	0.002
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	0.004
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 :** 2021-04-23  
**Exp. Date :** 3 years after Mfg. Date  
**Test Method :** ACS 11th Edition  
**Tested by :** Kyung-wanHong

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