

SPECIFICATION
Methyl Alcohol 99.9% for gradient
[67-56-1] (CH₃OH) FW:32.04**Product code. 62****HPLC Grade**

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

Test Method : ACS 11th Edition**DUKSAN PURE CHEMICALS CO. LTD**

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