RCI Labscan Limited

Methanol, Pharma.

CH_3OH	FW. 32.04	Density 1 L	= 0.790	Kg.
CAS-No.	67-56-1	Melting Point	- 98	°C
Code	BP1115	Boiling Point	64.5	°C

Specifications

(Meets Ph.Eur, BP, USP/NF, ACS)

Assay (by GC.)	99.9%	min.
Appearance	Clear and colorless liquid	
Identity	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.05%	max.
Acidity (mEq./g.)	0.0002	max.
Alkalinity (mEq./g.)	0.0002	max.
Acidity or Alkalinity	Passes test	
Residue on Evaporation	0.0005%	max.
Acetone (GC.)	2	ppm max.
Benzene (GC.)	2	ppm max.
Ethanol (GC.)	2	ppm max.
Acetaldehyde (GC.)	0.001%	max.
Carbonyl Compounds (as CH_3CHO)	0.001%	max.
Formaldehyde (GC.)	0.001%	max.
Related substances (GC.)	Passes test	
Readily carbonizable substances	Passes test	
Readily oxidizable substances	Passes test	
Substances reducing permanganate (as O)	Passes test	
Substances darkened by sulfuric acid	Passes test	
Reducing substances	Passes test	
Solubility in water	Passes test	
Chloride (Cl)	0.5	ppm max.
Sulfate (SO_4)	1.0	ppm max.
UV Absorbance		
290 nm	0.01	AU max.
270 nm	0.02	AU max.
250 nm	0.05	AU max.
230 nm	0.15	AU max.
Heavy metals (as Pb)	1.0	ppm max.
Aluminium (Al)	0.2	ppm max.
Arsenic (As)	0.02	ppm max.
Barium (Ba)	0.05	ppm max.
Beryllium (Be)	0.02	ppm max.
Bismuth (Bi)	0.02	ppm max.
Cadmium (Cd)	0.02	ppm max.
Calcium (Ca)	0.2	ppm max.
Chromium (Cr)	0.01	ppm max.
Cobalt (Co)	0.01	ppm max.
Copper (Cu)	0.01	ppm max.
Gallium (Ga)	0.02	ppm max.
Gold (Au)	0.02	ppm max.
Indium (In)	0.02	ppm max.
Iron (Fe)	0.05	ppm max.
Lead (Pb)	0.05	ppm max.
Lithium (Li)	0.02	ppm max.
Magnesium (Mg)	0.05	ppm max.
Manganese (Mn)	0.01	ppm max.
Molybdenum (Mo)	0.02	ppm max.
Nickel (Ni)	0.01	ppm max.
Platinum (Pt)	0.05	ppm max.
Silver (Ag)	0.02	ppm max.
Thallium (Tl)	0.02	ppm max.
Tin (Sn)	0.05	ppm max.
Titanium (Ti)	0.02	ppm max.
Vanadium (V)	0.02	ppm max.
Zinc (Zn)	0.05	ppm max.
Zirconium (Zr)	0.02	ppm max.

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