

Specification Sheet (Synthetic Alcohol)

Premium Grade Absolute Alcohol
(Confirms to Monographs of EP/USP/BP/JP/ACS & Suitable for AR/HPLC)

Parameter (Unit)	Standard
Alcohol content at 20°C (%vol.)	Min.99.5%vol.
Relative Density at 20°C	0.790 – 0.793
Appearance	Colorless, clear
Identification A and B	Conform
<u>Maximum levels of residue</u>	Max. 10
Acetaldehyde/Acetal (ppm, v/v)	Max. 100
Methanol (ppm, v/v)	Max. 300
Total of other impurities (ppm, v/v)	Conform
Acidity	Max. 2
Benzene (ppm, v/v)	Max. 0.5
Water content (% m/m.)	Benzene <2ppm
Volatile Impurities	Methanol <200ppm
	Acetaldehyde <10ppm
	Total other impurities <300ppm
None-Volatile Matter/Residue	0.0003%w/v
Specific Gravity	0.79077at 20°C
Transmission	220 nm: 90.09%T
	250 nm: 97.57%T
	280 nm: 99.91%T
UV absorption at 240 nm (AU)	Max. 4.40
UV absorption at 250-260 nm (AU)	Max. 0.30
UV absorption at 270-340 nm (AU)	Max. 0.10
Dry residue mg/100ml)	Max. 2.5

-AA: Content based on 100%vol. Ethanol.

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