

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Isopropyl Alcohol,for HPLC,99.8%

ITEM NUMBER: I112012  
BRAND: Aladdin  
CAS NUMBER: 67-63-0  
MDL NUMBER: MFCD00011674  
FORMULA: C<sub>3</sub>H<sub>8</sub>O  
MOLECULAR WEIGHT: 60.1

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless Liquid		
Evaporation residue	0 %	0.0005 %	0.0005 %
Free Acid as Acetic acid	0 %	0.001 %	0.001 %
Infrared spectrum	Conforms to Structure		
Purity(GC)	99.8 %	100 %	100 %
Refractive index n <sub>20</sub> /D	1.376	1.379	1.379
UV Absorbance 210nm	0	0.7	0.7
UV Absorbance 220nm	0	0.3	0.3
UV Absorbance 230nm	0	0.13	0.13
UV Absorbance 260nm	0	0.01	0.01
Water by Karl Fischer	0 %	0.05 %	0.05 %
	H <sub>2</sub> O reference		