

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cyclohexane,ACS spectrographic grade, 99.5%(GC)

ITEM NUMBER: C111492
 BRAND: Aladdin
 CAS NUMBER: 110-82-7
 MDL NUMBER: MFCD00003814
 FORMULA: C6H12
 MOLECULAR WEIGHT: 84.16

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless Liquid		
Color test	10	10	10
Evaporation residue	0 mg/L	0.002 mg/L	0.002 mg/L
Infrared spectrum	Conforms to Structure		
Purity(GC)	99.5 %	100 %	100 %
Substances darkened by sulfuric acid	Pass		
UV absorption : 210 nm A:	0	0.7	0.7
UV absorption : 220 nm A:	0	0.32	0.32
UV absorption : 230 nm A:	0	0.11	0.11
UV absorption : 240 nm A:	0	0.04	0.04
UV absorption : 250 nm A:	0	0.008	0.008
UV absorption : 260 nm A:	0	0.003	0.003
Water by Karl Fischer	0 %	0.02 %	0.02 %

1 cm path, H2O reference