

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cyclohexane,for HPLC, 99.9%

ITEM NUMBER: C100585
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		
Evaporation residue	0 %	0.0001 %	0.0001 %
Fluorescence 365nm(as Quinine)	0 ppb	1 ppb	1 ppb
Infrared spectrum	Conforms to Structure		
Purity(GC)	99.9 %	100 %	100 %
Refractive index n ₂₀ /D	1.425	1.427	1.427
Specific gravity (20/20 ° C)	0.777	0.781	0.781
UV Absorbance 200nm	0	1	1
UV Absorbance 225nm	0	0.17	0.17
UV absorption : 250 nm	0	0.02	0.02
UV absorption : 300 nm	0	0.005	0.005
UV absorption : 400 nm	0	0.005	0.005
Water by Karl Fischer	0 %	0.01 %	0.01 %