

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Benzene,for HPLC, 99.7%

ITEM NUMBER: B116189
BRAND: Aladdin
CAS NUMBER: 71-43-2
MDL NUMBER: MFCD00003009
FORMULA: C₆H₆
MOLECULAR WEIGHT: 78.11

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless liquid		
Evaporation residue	0 %	0.001 %	0.001 %
Infrared spectrum	Conforms to Structure		
Purity(GC)	99.7 %	100 %	100 %
Refractive index n ₂₀ /D	1.499	1.502	1.502
Specific gravity (20/20 ° C)	0.877	0.881	0.881
UV Absorbance 280nm	0	1	1
UV Absorbance 290nm	0	0.15	0.15
UV Absorbance 300nm	0	0.06	0.06
UV Absorbance 330nm	0	0.02	0.02
UV Absorbance 350nm	0	0.01	0.01
UV Absorbance 400 nm	0	0.01	0.01
Water by Karl Fischer	0 %	0.02 %	0.02 %