



16410

**Benzene ACS, 99.5%**

Part A

CAS : 71-43-2

Molecular Formula : C6H6

Molecular Weight : 78.11

Specifications

Appearance (Clarity)	Clear
Appearance (Colour)	Colourless
Appearance (Form)	Liquid
Colour (APHA)	max. 10
Solubility	0.1gm in 100ml of water at 20°C
Assay (GC)	min. 99.5%
Density (g/ml) @ 20°C	0.878 - 0.879
Refractive Index (20°C)	1.499 - 1.501
Boiling Range	80 - 81°C
Freezing Point	5°C
Non Volatile Matter	max. 0.001%
Thiophene (C4H4S)	max. 0.0001%
Substance Discoloured by H2SO4	Passes test
Sulphur Compound (S)	max. 0.005%
Water (KF)	max. 0.05%
Absorbance of sample in 1cm cell v/s H2O	
@280nm	max. 1.00
@290nm	max. 0.30
@300nm	max. 0.10
@330nm	max. 0.04
@350nm	max. 0.02
@380-400nm	max. 0.01

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	UN No.:1114 , IMCO Class No.:3 , Packing Group:II
HSN Code	
2500 ml	29022000 (GST 18%)
500 ml	29022000 (GST 18%)

Type of Packing	
2500 ml	Glass Bottle
500 ml	Glass Bottle

Available Packages

500 ml
2500 ml

Disclaimer

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