

Benzene
AR, ACS
2.5 L



RANKEM

Material No.: B0142

CAS No.: 71-43-2

Molecular Formula: C₆H₆

Molecular Mass: 78.11

Product Specification

Test	Specification
Color (APHA)	≤ 10
Guarantee Analysis	.
Assay (GC) (C ₆ H ₆)	≥ 99.70 %
Weight Per ml (at 20°C)	0.877 - 0.879 g
Freezing Point	≥ 5.2 °C
Identity (IR)	Conforms
Maximum Limits Of Impurities	.
Residue After Evaporation	≤ 0.001 %
Titration Acid	≤ 0.0002 meq/g
Titration Base	≤ 0.0002 meq/g
Water (By KF)	≤ 0.05 %
Substances Darkened By Sulphuric Acid	Passes test
Sulphur Compounds(As S)	≤ 0.005 %
Thiophene	≤ 0.0001%
Copper(Cu)	≤ 0.10 ppm
Iron (Fe)	≤ 0.20 ppm
Lead (Pb)	≤ 0.10 ppm
Zinc (Zn)	≤ 0.10 ppm

Appearance: Clear, colourless liquid.

This document has been produced electronically and is valid without signature. For questions on this Product Specification please contact Technical Services via Phone +91 (22) 41288100 or Email:Info.lab@avantorsciences.com.

Avantor Performance Materials India Ltd.

501, 5th Floor, Tiffany Building, Hiranandani Bussiness Park, Ghodbunder Road, Thane (W) - 400607, Maharashtra, India.