



### SPECIFICATION SHEET

**Product Name** : Benzene, for analysis ACS,ISO,Reag. Ph Eur.  
**Product Number** : 906.026  
**Brand** : ISOLAB  
**CAS Number** : 71-43-2  
**Formula** : C<sub>6</sub>H<sub>6</sub>  
**Formula Weight** : 78.11 g/mol

TEST NAME	SPECIFICATION	UNIT
Purity (GC)	≥ 99.7 %	%
Identity (IR)	passes test	
Appearance	clear	
Colour	≤ 10 Hazen	Hazen
Acidity	≤ 0.00005 meq/g	meq/g
Alkalinity	≤ 0.00005 meq/g	meq/g
Melting point	≥ 5.2 °C	°C
Boiling point	79 - 81 °C	°C
Thiophene	≤ 0.0001 %	%
Sulfur compounds (as S)	≤ 0.003 %	%
Readily carbonizable substances	passes test	
Al (Aluminium)	≤ 0.00005 %	%
B (Boron)	≤ 0.000002 %	%
Ba (Barium)	≤ 0.00001 %	%
Ca (Calcium)	≤ 0.00005 %	%
Cd (Cadmium)	≤ 0.000005%	%
Co (Cobalt)	≤ 0.000002 %	%
Cu (Copper)	≤ 0.000002 %	%
Fe (Iron)	≤ 0.00001 %	%
Mg (Magnesium)	≤ 0.00001 %	%
Mn (Manganese)	≤ 0.000002 %	%
Pb (Lead)	≤ 0.00001 %	%
Sn (Tin)	≤ 0.00001%	%
Zn (Zinc)	≤ 0.00001 %	%
Water	≤ 0.03 %	%

Quality Management  
Isolab Laborgerate GmbH

