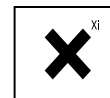
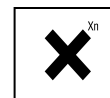


SPECIFICATION



Product Code: 26690

Product Name : TOLUENE (METHANOL FREE)

C₇H₈

M.W. 92.14

Description

A clear colourless liquid with a characteristic odour.

Identification A :

By Gas Chromatography

The retention time of the principal peak obtained in the chromatogram of sample solution corresponds to that obtained in the chromatogram of standard solution as determined in the test of purity by GC.

Identification B :

By Refractive Index at 25°C

1.479 - 1.519

Miscibility

Miscible with ethanol, chloroform, ether and acetone.

Acidity

Not more than 0.20 ml of 0.1 M sodium hydroxide is required to change the colour of solution to pink.

Reaction with sulphuric acid

A mixture of the sample and dilute sulphuric acid remains colourless and acid does not become more than pale yellow.

Water

By Karl Fischer

Not more than 0.03 %

Sulphur compound

The aqueous layer remains colourless after reaction of the sample with dehydrated alcohol and solution of potassium plumbite.

Purity :

Assay

By Gas Chromatography

Not less than 99.5%

Methanol content

Not more than 2 ppm

CAS No. : 108-88-3

R : 11- 38- 48/20- 63- 65- 67

S : 36/37- 46- 62