

TIQ-F-QC-003
 Rev.00

Technical Data Sheet

XYLENE (SULPHUR FREE) (RECTIFIED) EXTRAPURE

Dimethylbenzene, Xylol, Methyltoluene

Product Code	B-3106	Grade	Extrapure
Purity	99,5 %	CAS No	1330-20-7
Molecular Formula	C ₈ H ₁₀	Molecular Weight	106.171 g/mol
H.S.Code	2828.9019	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	sweet	Melting Point/ Freezing point (°C)	< 0 °C
Boiling Point	136 - 140 °C at 1.013 hPa	Flash point	25°C
Vapour pressure	24 hPa at 37,70 °C	Density (g/cm ³)	0,865 g/cm3 at 20 °C

Packaging

2500 ml

Specification

Appearance	Clear colorless liquid
Total assay of C ₈ H ₁₀ Isomers (GC)	min 97.0 %
Solubility	miscible with methanol
Colour	max 10 Hazen
Wt. Per ml at 20 °C	0.862 – 0.880 g/cm ³
Water (H ₂ O)	max 0.03 %
Acidity	max 0.0043%
Non-volatile matter	max 0.002 %
Benzene (C ₆ H ₆) & Toluene (C ₇ H ₈)	max 0.1 %
Copper (Cu)	max 0.00005 %
Iron (Fe)	max 0.0001 %
Lead (Pb)	max 0.00005 %
Organic Impurities (acid wash)	Passes acid wash test
Sulphur Compounds (as CS ₂)	max 0.0003 %
Thiophen homologues (C ₄ H ₄ S)	max 0.0002 %

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08

Signal Word: Danger

UN No.: 1307

IMCO Class No.: 3

Packing Group: III

Hazardous Statement: H226-H304-H312+H332-H315-H319-H335-H412

Precaution Statement: P210-P273-P280-P301 + P310-P303+P361+P353-P331