

Product Information

XYLENE 99,5 % AR

Dimethylbenzene, Xylol, Methyltoluene

Product Code	B-3081	Grade	Analytical Reagent
Purity	99,5 %	CAS No	1330-20-7
Molecular Formula	C ₈ H ₁₀	Molecular Weight	106.171 g/mol
H.S.Code	2902.4400	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	sweet	Melting Point/ Freezing point (°C)	-47 °C
Boiling Point	137-143°C	Flash point	26°C
Initial boiling point (°C)	137°C	Density (g/cm ³)	0.62
Final boiling point (°C)	143°C	Explosion limits – upper (%)	6,6 %
Auto-ignition temperature (°C)	466°C	Explosion limits-lower (%)	1.1 %

Packaging

500 ml & 2500 ml

Specification

Appearance	Clear colorless liquid
Total assay of C ₈ H ₁₀ Isomers (GC)	min 99.5 %
Wt. Per ml at 20 °C	0.863 – 0.880 g/cm ³
Colour	max 10 Hazen
Water (H ₂ O)	max 0.03 %
Acidity	max 0.0003 meq/g
Alkalinity	max 0.00025 meq/g
Non-volatile matter	max 0.002 %
Benzene (C ₆ H ₆) & Toluene (C ₇ H ₈)	max 0.05 %
Copper (Cu)	max 0.00005 %
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-H314+H332-H315-H319-H335-H373-H412

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