

Product Name: Toluene, HPLC Grade, 99.7% min, Thermo Scientific Chemicals

Catalog Number: 022903.M1

CAS Number: 108-88-3

IUPAC Name: toluene

Molecular Formula: C₇H₈

Molecular Weight: 92.14

InChI Key: YXFVVABEGXRONW-UHFFFAOYSA-N

SMILES: CC1=CC=CC=C1

Synonym: toluene caswell no. 859 epa pesticide chemical code 080601 toluolo toluene methyl benzene (substance) tolu-sol methacide rcra waste number U220 antisal 1a

Product Specification

Appearance (Color): Colorless

Form: Liquid

Water Content (Karl Fischer Titration): ≤0.03% [US] / ≤0.01% [UK]

Optical Absorbance at: 288nm: ≤0.40 AU [US]

Comment: Pesticide residue analysis: Passes test [UK]

Assay from Supplier's CofA: ≥99.7%

Comment: Material manufactured/sourced in either US or UK

Comment: Sub micron filtered [US]

Impurity content: ≤5ppt -GC-ECD Responsive residue (single peak) (as Heptachlorepoide) [US]

Optical Absorbance at: 300nm: ≤0.10 AU [US] / ≥80% transmittance [UK]

Optical Absorbance at: 320nm: ≥95% transmittance [UK]

Optical Absorbance at: 350nm: ≤0.01 AU [US] / 350-400nm ≥99% transmittance [UK]

Residue on Evaporation: ≤4ppm [US] / ≤0.0001% [UK]

Optical Absorbance at: 285nm: ≤1.00 AU [US] / ≥10% transmittance [UK]

Optical Absorbance at: 286nm: ≤0.70 AU [US]

Optical Absorbance at: 290nm: ≥50% transmittance [UK]

Date Of Print: 05/14/2024

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.