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 tolueen methyl benzene (substance) tolu-sol methacide rcra waste number U220 antisal 1a

Product Specification

Appearance (Color):	Colorless
Form:	Liquid
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 Heptachlorepoxide) [US]
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]
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: 03/21/2024

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