

Product Name: Toluene, Spectrophotometric Grade, 99.7+%, Thermo Scientific Chemicals

Catalog Number: 019376.K2

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): Clear, colorless

Form: Liquid

Optical Absorbance at: 285nm, 1.00, max

Optical Absorbance at: 286nm, 0.70, max

Optical Absorbance at: 293nm, 0.20, max

Optical Absorbance at: 300nm 0.10, max

Optical Absorbance at: 350-400nm 0.01, max

Impurity content: P.T. substances darkened by sulfuric acid

Impurity content: 0.003% Sulfur compounds (as Sulfur)

Water Content (Karl Fischer Titration): 0.03%, max

Optical Absorbance at:

310nm 0.05, max

Color (APHA): 10, max

Assay (GC): ≥99.7% (corrected for water)

Optical Absorbance at: 288nm, 0.40, max

Residue on Evaporation: 4ppm, max

Optical Absorbance at: 335nm 0.02, max

Date Of Print: 05/17/2024

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