

Technical Specification

PRODUCT : TOLUENE RPE - For analysis - ISO - ACS - Reag.Ph.Eur. - Reag.USP

CODE : 488550

MOLECULAR WEIGHT : 92.14

CAS N° : 108-88-3

FORMULA : C₆H₅CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Conform
Readily carbonizable substances	-	Conform
Density d ₂₀ /4	-	0.865 - 0.869
Boiling point	°C	110.1 - 111.1
Refractive index at 20°C	-	1.4931 - 1.4991
Water (K.F.)	ppm	<= 200
Residue on evaporation	ppm	<= 10
Acidity (benzoic acid)	ppm	<= 14
Alcalinity (NH ₃)	ppm	<= 2
Benzene	ppm	<= 200
Thiophene	ppm	<= 1
Total sulphur (S)	ppm	<= 3
B	ppm	<= 0.01
Al	ppm	<= 0.5
Ba	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.01
Co	ppm	<= 0.01
Cr	ppm	<= 0.01
Cu	ppm	<= 0.01
Fe	ppm	<= 0.05
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Ni	ppm	<= 0.01
Pb	ppm	<= 0.01
Sn	ppm	<= 0.1
Zn	ppm	<= 0.01
Assay (GC)	%	>= 99.8

Miscible with alcohol, chloroform, diethyl ether

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It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application. CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Date: 30/01/2026

Approved electronically, valid without a signature

**QUALITY LABORATORY
TECHNICIAN
GWENDOLINE HALOT
VAL DE REUIL**