

## PRODUCT SPECIFICATION

Product Description	Toluene
Grade	HPLC
Product Code	TOL010-2.5, TOL010-4.0
Synonyms	Methylbenzene, Phenylmethane
Molecular Formula	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>
CAS Number	108-88-3

Test	Test Method	Specification	Unit
Purity Assay (GC)	LQP-22-SOP-T006	≥ 99.9	%
Water Content	ASTM E1064	≤ 0.03	%
Acidity	LQP-22-SOP-T001	≤ 0.0002	meq/g
Alkalinity	LQP-22-SOP-T007	≤ 0.0006	meq/g
Non-Volatile Matter	LQP-22-SOP-T004	≤ 1.0	mg/100mL
Density (at 20°C)	ASTM D4052	0.864 – 0.868	g/cm <sup>3</sup>
UV Absorbance	LQP-22-SOP-T005		
284 nm		≤ 1.000	a.u.
300 nm		≤ 0.120	a.u.
325 nm		≤ 0.025	a.u.
350 nm		≤ 0.005	a.u.
400 nm		≤ 0.005	a.u.
Appearance	LQP-22-SOP-M001	Clear	-

Notes: 1) Product filtered through a 0.2 micron filter.

Date 28/12/2020  
Revision R3