

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Xylene 99.5% AR

Catalog Number : B-3081

Batch Number : 3081-00000000

CAS Number : 1330-20-7

Molecular Weight : 106.171 g/mol

Mol. Formula : C₈H₁₀

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Clear colorless liquid	Clear colorless liquid
2	Total assay of C ₈ H ₁₀ Isomers (GC)	min 99.5 %	99.78%
3	Wt. Per ml at 20 °C	0.863 – 0.880 g/cm ³	0.867 g/cm ³
4	Colour	max 10 Hazen	8 Hazen
5	Water (H ₂ O)	max 0.03 %	0.014%
6	Acidity	max 0.0003 meq/g	0.00005%
7	Alkalinity	max 0.00025 meq/g	Nil
8	Non-volatile matter	max 0.002 %	0.00034%
9	Benzene (C ₆ H ₆) & Toluene (C ₇ H ₈)	max 0.05 %	0.007%
10	Copper (Cu)	max 0.00005 %	0.000006%
11	Iron (Fe)	max 0.0001 %	0.00004%
12	Lead (Pb)	max 0.00005 %	0.000011%
13	Organic Impurities (acid wash)	Passes acid wash test	complies
14	Sulphur Compounds (as CS ₂)	max 0.0003 %	0.00007%
15	Thiophen homologues (C ₄ H ₄ S)	max 0.0002 %	0.00003%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC