

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Xylene special (mixture of isomer) AR (Ethylbenzene < 3 %)

Catalog Number : B-3108

Batch Number : 3108-00000000

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 99.0 %	99.798%
3	Ethyl Benzene (GC)	max 3.0 %	0.023%
4	Wt. Per ml at 20 °C	0.863 – 0.880 g/cm ³	0.871 g/cm ³
5	Colour	max 10 Hazen	< 10 Hazen
6	Water (H ₂ O)	max 0.03 %	0.029%
7	Acidity	max 0.0003 meq/g	0.00005%
8	Alkalinity	max 0.00025 meq/g	Nil
9	Non-volatile matter	max 0.002 %	0.00034%
10	Benzene (C ₆ H ₆) & Toluene (C ₇ H ₈)	max 0.1 %	0.019%
11	Copper (Cu)	max 0.00005 %	0.000006%
12	Iron (Fe)	max 0.0001 %	0.00004%
13	Lead (Pb)	max 0.00005 %	0.000011%
14	Organic Impurities (acid wash)	Passes acid wash test	complies
15	Sulphur Compounds (as CS ₂)	max 0.0003 %	0.00007%
16	Thiophen homologues (C ₄ H ₄ S)	max 0.0002 %	0.00003%

Corresponds to Special AR Grade (mixture of isomers with Ethylbenzene conten < 3%
LABOTIQ In-house product specification for Special AR Grade (mixture of Isomers)

SUDIRO S.Si.
 Manager QC