

TIQ-F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Xylene (Sulphur Free)(Rectified) Extrapure

Catalog Number : B-3106

Batch Number : 3106-00000000

CAS Number : 1330-20-7

Molecular Weight : 106.171 g/mol

Mol. Formula : C<sub>8</sub>H<sub>10</sub>

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Clear colorless liquid	Clear colorless liquid
2	Total assay of C <sub>8</sub> H <sub>10</sub> Isomers (GC)	min 97.0 %	99.455%
3	Solubility	miscible with methanol	complies
4	Colour	max 10 Hazen	<10 Hazen
5	Wt. Per ml at 20 °C	0.862 – 0.880 g/cm <sup>3</sup>	0.866 g/cm <sup>3</sup>
6	Water (H <sub>2</sub> O)	max 0.03 %	0.0276%
7	Acidity	max 0.0043%	0.00015%
8	Non-volatile matter	max 0.002 %	0.00075%
9	Benzene (C <sub>6</sub> H <sub>6</sub> ) & Toluene (C <sub>7</sub> H <sub>8</sub> )	max 0.1 %	0.024%
10	Copper (Cu)	max 0.00005 %	0.00001%
11	Iron (Fe)	max 0.0001 %	0.00004%
12	Lead (Pb)	max 0.00005 %	Nil
13	Organic Impurities (acid wash)	Passes acid wash test	complies
14	Sulphur Compounds (as CS <sub>2</sub> )	max 0.0003 %	< 0.0003%
15	Thiophen homologues (C <sub>4</sub> H <sub>4</sub> S)	max 0.0002 %	< 0.0002%

Corresponds to Extrapure (for Synthesis Grade)

**LABOTIQ** In-house product specification for Extrapure (for synthesis)



SUDIRO S.Si.  
Manager QC