

# Certificate of Analysis

## ***o*-Xylene**

### **PurCert Standard for GC**

<b>Product Number</b>	PSR28279	<b>CAS No.</b>	95-47-6
<b>Brand</b>	PureSynth	<b>Lot No.</b>	IS01H
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>10</sub>	<b>Date of Mfg.</b>	Jan.2022
<b>Molecular Weight</b>	106.17 g/mol	<b>Date of Exp.</b>	Dec.2025

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.0 %	99.31 %
Water (by KF)	≤ 0.03 %	0.0235 %
Refractive index (n 20/D)	1.504 - 1.506	1.505
Non-volatile matter	Max. 0.002 %	<0.002 %
Identification by <sup>1</sup> H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

**\*Traceable to Internal Reference standard.**

**Storage Condition:** Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

**Remark:** The batch complies with the prescribed quality of the above specification.

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*This is a computer-generated report -does not required sign*

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