

# Certificate of Analysis

## p-Xylene

### PurCert Standard for GC

<b>Product Number</b>	PSR28283	<b>CAS No.</b>	106-42-3
<b>Brand</b>	PureSynth	<b>Lot No.</b>	NYS03P
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>10</sub>	<b>Date of Mfg.</b>	Mar.2022
<b>Molecular Weight</b>	106.17 g/mol	<b>Date of Exp.</b>	Feb.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.99 %
Water (By KF)	NMT 0.1 %	0.054 %
Identification by <sup>1</sup> H NMR	Conforms to structure	Conforms
Identification by GC-MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

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

**Storage Condition:** Store at ambient temperature and keep the container tightly closed.

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