

# Certificate of Analysis

## Triethylene glycol

### PurCert Standard for GC

(Secondary Reference Standard)

<b>Product Number</b>	PSR37200	<b>CAS No.</b>	112-27-6
<b>Brand</b>	PureSynth	<b>Lot No.</b>	T2GHT07T
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>14</sub> O <sub>4</sub>	<b>Date of Mfg.</b>	July.2022
<b>Molecular Weight</b>	150.17 g/mol	<b>Date of Exp.</b>	June.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.81 %
Water (By KF)	NMT 0.05 %	0.0470 %
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 USP Reference Standard 1683708, Lot No: R159H0.**

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

**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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