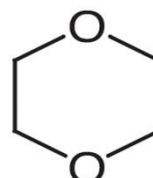


## Product Specification

Product Name:

**1,4-Dioxane PurTech Standard for GC**  
(Secondary Reference Standard)

Product No.: PSI043  
Brand: PureSynth  
CAS No.: 123-91-1  
Molecular Formula: C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>  
Molecular Weight: 88.11 g/mol



Test	Specification
Description	Colorless liquid
Assay (GC-FID)	≥ 99.9 %
Water (By KF)	NMT 0.300 %
Density	1.032-1.037 g/cm <sup>3</sup>
Potency	-
Identification by <sup>1</sup> H NMR	Conforms to structure
Identification by GC-MS	Conforms to molecular mass
Identification by IR	Conforms to structure

**\*Traceable to USP Reference standard 1601521, Current Lot No. R21500**

Specification: PT-1.0-QA/11

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