

Certificate of Analysis

Product Name:

1,4-Dioxane PurSol[®] Plus for HPLC, GC and spectrophotometry, >99.9%

Product No.: PSR4002
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 123-91-1
Molecular Formula: C₄H₈O₂
Molecular Weight: 88.11 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	> 99.9 %	99.91 %
Water (By KF)	NMT 0.050 %	0.016 %
Refractive Index (20°C)	1.4206- 1.4226	1.4223
Residue	NMT 1 mg/L	0.5 mg/L
Peroxides (as H ₂ O ₂)	NMT 2 mg/L	< 2 mg/L
UV Cutoff	NMT 215 nm	213 nm
UV Absorbance at 250 nm	NMT 0.300 AU	0.2205 AU
UV Absorbance at 300 nm	NMT 0.020 AU	0.0065 AU
UV Absorbance at 350 nm	NMT 0.005 AU	0.0001 AU
UV Absorbance at 400 nm	NMT 0.005 AU	0.0010 AU
Suitability for HPLC	Complies	Complies

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com