

Certificate of Analysis

Product Name:

Propylene oxide PurTech Standard, (Includes all characterization data)
(Secondary Reference Standard)

Product No.: PSI261
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 75-56-9
Molecular Formula: C₃H₆O
Molecular Weight: 58.08 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless liquid	Colorless Liquid
Assay (By GC)	≥ 99.5 %	99.99 %
Water (By KF)	NMT 0.5 %	0.1578 %
Potency	-	99.83 %
Density	0.80-0.85 g/cm ³	0.83 g/cm ³
¹ H NMR Spectrum	Conforms to structure	Conforms
Mass Spectrum	Conforms to molecular mass	Conforms
IR Spectrum	Conforms to structure	Conforms

***Traceable to USP Reference standard 1576945, Current Lot No. R137M0.**

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