

Certificate of Analysis

Product Name:

Purglyol 812, PurReagent

Product No.: PSR38275
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 73398-61-5
Molecular Formula: $C_{21}H_{39}O_6$
Molecular Weight: 387.54 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless to pale yellow oily liquid	Colorless oily liquid
Viscosity (at 20°C)	25 – 33 mPa·s	30.41 mPa·s
Saponification value	310 - 360	333.57
Unsaponifiable matter	NMT 0.5 %	0.23 %
Moisture	NMT 0.2 %	0.083 %
Acid value (mg KOH/g)	NMT 0.2	0.11
Hydroxyl value	NMT 10.0	3.71
Peroxide value	NMT 1.0	0
Iodine value	NMT 1.0	0.1
C ₆	NMT 2.0	0.1
C ₈	50 - 80	53.4
C ₁₀	20 - 50	46.4
C ₁₂	NMT 3.0	0
C ₁₄	NMT 1.0	0
Alkaline impurities	NMT 0.15 ml	0
Total ash	NMT 0.1 %	0
Chromium	NMT 0.05 ppm	Complies
Lead	NMT 0.1 ppm	Complies
Nickel	NMT 0.2 ppm	Complies
Copper	NMT 0.1 ppm	Complies
Tin	NMT 0.1 ppm	Complies
Solubility	Complies	Complies
Identification test	Complies	Complies
Relative density (at 20°C)	0.93 – 0.96	0.935
Refractive index (at 20°C)	1.440 – 1.452	1.448

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

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 a room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

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

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