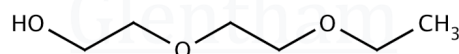


Certificate of Analysis

Product Name	Diethylene glycol monoethyl ether, Ph. Eur., USP grade
Glenthams Code	GK0397
CAS Number	111-90-0
EINECS	203-919-7
MDL Number	MFCD00002872
PubChem SID	310271621
Batch Number	601LIX



Molecular Weight	134.18
Molecular Formula	C ₆ H ₁₄ O ₃
Storage Temp.	+20°C

Property	Specification	Batch 601LIX
Physical Description	Colourless liquid	Conforms
Specific Gravity	0.985 - 0.991 (20°C, D20/4)	0.988
Refractive Index	1.426 - 1.428 (20°C)	1.427
Acid Value	≤ 0.10mgKOH/g	≤ 0.01mgKOH/g
Peroxide Value	≤ 8.0meqO ₂ /kg	≤ 0.1meqO ₂ /kg
Water	≤ 0.10%	0.03%
Related Substances	2-Methoxyethanol: ≤ 20ppm	≤ 10
	2-Ethoxyethanol: ≤ 50ppm	≤ 10
	Ethylene Glycol: ≤ 100ppm	≤ 10
	Diethylene Glycol: ≤ 50ppm	≤ 10
Ethylene Oxide	≤ 1ppm	Conforms
Total Impurities	≤ 0.2%	0.02%
Identification (IR)	To conform to standard	Conforms
Purity	≥ 99.900%	99.980%
Pharmacopoeia Specification(s)	Ph. Eur., USP/NF	Conforms

Specification Version	v1.1
Manufacture Date	2024-02-01
Re-Test Date	2031-03-01

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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