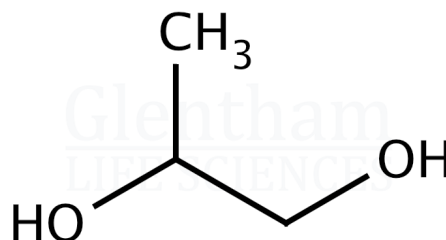


Certificate of Analysis

Product Name	Propylene glycol, 99.5%, FCC grade
Glentham Code	GX1861
CAS Number	57-55-6
EINECS	200-338-0
MDL Number	MFCD00064272
Batch Number	739PNH
Molecular Weight	76.10
Molecular Formula	C ₃ H ₈ O ₂
Storage Temp.	+20°C



Property	Specification	Batch 739PNH
Physical Description	Clear, colourless viscous liquid	Clear, colourless viscous liquid
Identification (IR)	To conform to standard	Conforms
Boiling Point	185 - 189 °C	187.0 °C
Refractive Index (20°C)	1.431 - 1.433	1.433
Specific Gravity	1.035 - 1.037	1.035
Residue on Ignition	≤ 0.007%	0.0019%
Acidity	To pass test	Conforms
Arsenic (As)	≤ 3ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Lead (Pb)	≤ 1ppm	Conforms
Water (KF)	≤ 0.2%	0.007%
Purity (GC)	≥ 99.5%	99.94%
Grade	FCC	Conforms

Specification Version	v1.1
Manufacture Date	2021-07-05
Re-Test Date	2029-08-16

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

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