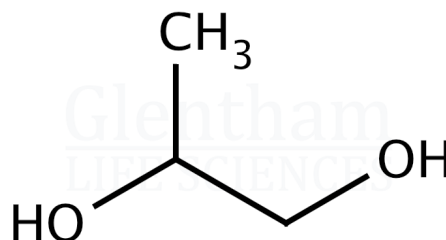


## Certificate of Analysis

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 <sub>3</sub> H <sub>8</sub> O <sub>2</sub>
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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