TECHNICAL SPECIFICATION

Section 1: Identification of the substance and of the company

1.1. Product identifier

Commercial name:	Natural pharmaceutical glycol
INCI name:	Propylene Glycol
Identifier (CAS no.):	57-55-6
Other name:	1,2-Propylene Glycol, Mono Propylene Glycol, Propane-1,2-diol, 1,2-Dihydroxypropane, E1520
Date manufactured:	XX.XX.XXXX
Expiry date:	XX.XX.XXXX
Batch no.:	XXXXXXXX/PDO5

1.2. Details of the supplier.

Supplier:	**CHEMNOVATIC Sp. z o.o. Sp. k.**
Address:	Dobrzańskiego 3/ BS002, 20-262 Lublin, POLAND
Phone :	+48 814754442
e-mail:	office@chemnovatic.com

Section 2: Certificate of quality control

Determined parameter:	Units	Specification:	Result
Refractive Index n(20/D)		1,431 – 1,433	1,433
APHA colour		Max. 10	2,5
Acidity ml 0,1 N NaOH	ml	Max. 0,2	0,0
Acidity as acetic acid	%	Max. 0,005	0,001
Water	% (m/m)	Max. 0,2	0,02
Purity		clear	conform
Ethylene glycol concentration	%	Max. 0,1	0,1
Propylene glycol concentration	%	Min. 99,5	99,7
Diethylene glycol concentration	%	Max. 0,1	0,0
Identification C	-	compatible	conform
Limit of concentration for ethylene glycol and diethylene glycol	-	compatible	conform
Oxidizing substances	-	compatible	conform
Reducing substances	-	compatible	conform
Relative density (25°C)	g/ml	1,035-1,037	1,036
Relative density (20/20°C)	g/ml	1,035-1,039	1,038
Ignition residue	mg/kg	Max. 70	<70
Chlorides	ppm	Max. 70	<70
Sulfates	ppm	Max. 60	<60
Heavy metals	ppm	Max. 5	<5

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Section 3: Additional information

Storage: Keep in properly labeled, original containers in ventilated warehouse. Eliminate all sources of combustion. Do not store near heat sources or expose to direct sunlight, to preserve the quality of the product. Keep away from food, feed and beverages. Keep away from moisture (hygroscopic). Suggested storage temperature: 10-25 °C, not higher than < +40 °C.

Notes: Document prepared on the basis of the manufacturer's quality certificate.

Data contained in this specification result from current knowledge about the product and do not replace tests performed by the recipient at delivery.

We hereby certify that the product meets the requirements laid down in the above specification.

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