

EUROPE SALES SPECIFICATION



Material Number: 499204
Product Name: Propylene Glycol USP

Test Description	Specification Limits		Unit of Measure
	Minimum	Maximum	
Source Tank	Report		
Miscellaneous Text	Report		
Lot Number	Report		
Appearance	Pass		
Assay as PG, on a dry basis	99.70		weight %
Color, Pt-Co		10	APHA Color
Iron		0.50	weight ppm
Odor	Pass		
Water		0.200	weight %
TYPICAL VALUES	Report		
Arsenic as As		1	weight ppm
Distillation IBP @760 mmHg	186.0		degrees C
Distillation DP @760 mmHg		189.0	degrees C
IR Spectrum	Pass		
Organic Volatile Impurities	Pass		
Oxidiz Subst as ml thiosulfate		0.2	Milliliter
Reducing Substances	Pass		
Refractive Index @ 25 C	1.4310	1.4320	.
Residue on Ignition		3.5	mg/50 g
Specific Gravity @ 25/25C	1.0350	1.0370	.
Sulfate		0.006	weight %
Acidity (ml 0.1N NaOH/10 ml)		0.05	.
Heavy Metals as Pb		5	weight ppm
Chlorides as Cl		1	ppm

This report has been generated from our business computing system and lists those properties our company evaluates in conducting batch selection decisions. This report may also contain typical properties and their expected values. This report may not cover your entire specification, which may include requirements for packaging, shipping, storage, delivery, etc.

The information in this bulletin is believed to be accurate and current as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Lyondell Chemical Company and its affiliates and subsidiaries make no warranties, express or implied, regarding the product or any information contained herein.

The applicable Material Safety Data Sheet should be reviewed before handling the Lyondell product. Lyondell Chemical Company and its affiliates and subsidiaries disclaim any liability against infringement of any patent by reason of customer's use of any Lyondell Chemical Company products in combination with other materials or in any process.

For Further Questions, Please Contact your Customer Service Representative

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Middle East/Africa:	00.31.10.275.5712	Benelux:	00.31.10.275.5641	UK/Scandinavia:	00.31.10.275.5673		
Germany/Switzerland:	00.31.10.275.5626						

The information on this report is valid as of: 07/17/2002 LNL

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Lyondell Chemical Company Propylene Glycol USP meets or exceeds all requirements of the United States Pharmacopeia, the European Pharmacopeia and the Food Chemicals Codex.

Issue or Revision Date: 07/09/2002

Spec Version Number: 5

Material Number: 7270 7590 8724 8820 8821 499204 499205 499206 499394 509261 509262

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