



Product Specification

Propylene Glycol

USP Grade

< Updated in Dec 05. 2023 >

Properties	Unit	Sales Specification	Typical Value	Test Method
Identification (FT-IR)	-	Pass	Pass	USP
MPG Purity, on a dry basis	wt.%	Min. 99.80	99.97	USP
EG	wt.%	Max. 0.005	0.0001	USP
DEG	wt.%	Max. 0.005	0.0001	USP
Tests				
Residue	ppm	Max. 20	5	USP
Chlorides	ppm	Max. 1.0	0.1	USP
Sulfate	ppm	Max. 10	0.1	USP
Elemental Impurity (Pb)	ppm	Max. 1.0	0.1	USP
Specific Tests				
Specific Gravity, 25/25°C	-	1.035 – 1.037	1.036	USP
Specific Gravity, 20/20°C	-	1.037 – 1.039	1.038	USP
Acidity	ml	Max. 0.05	0.02	USP
Water	wt.%	Max. 0.07	0.01	USP
Iron	ppm	Max. 0.10	0.02	ASTM E 394
Color	APHA	Max. 10	3	ASTM D 1209
Distillation, 1 atm	°C	186 - 189	186 - 187	ASTM D 1078
Organic Volatile Impurities	-	Satisfied	Satisfied	USP
Inorganic Impurities Lead	ppm	Max. 1.0	Max. 1.0	FCC

Additional information is available from your SK picglobal representative, our web site or calling:

Web Site : www.skpicglobal.kr

Head office : The-K Twin Towers B-dong, 50, Jong-ro 1-gil, Jongno-gu, Seoul, 03142 Republic of Korea

Tel. +82-2-3787-1234

Fax. +82-2-537-3216

Production Site : 255, Yongjam-ro, Nam-gu, Ulsan, 44782, Korea

Tel. +82-52-278-5721

Fax. +82-52-275-5157