

SKC CO.,LTD.

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CERTIFICATE OF ANALYSIS

INVOICE NO. : PG-130603
COMMODITY : PG USP KOSHER
QUANTITY : 17.2 MT
CONTAINER NO. : CBHU 3425016
LOT NO. : W02574U
PRODUCER : SKC CO.,LTD.
DATE OF MANUFACTURE : MAY 27, 2013
PRODUCT EXPIRATION DATE : MAY 27, 2015

DATE : MAY 27, 2013

WE, SKC CO., LTD. AS THE PRODUCER CERTIFY BELOW STATEMENT OF ANALYSIS IS TRUE AND CORRECT.

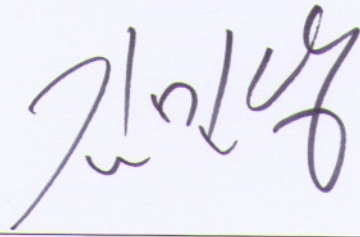
DESCRIPTION	SPECIFICATION	TEST RESULT
MPG, wt.%	MIN. 99.80	99.94
EG, wt,ppm	MAX. 50	LT 1.0
DEG, wt,ppm	MAX. 50	LT 1.0
Specific Gravity, 25/25 °C	1.0350-1.0370	1.036
Color, APHA	MAX. 10	2.0
Water Content, wt,ppm	MAX. 700	90
Iron, wt,ppm	MAX. 0.10	0.08
Distillation Range, IBP, °C	MIN. 186	186.2
Distillation Range, DP, °C	MAX. 189	187.4
Chlorides,wt,ppm	MAX. 1	0.1
Acidity,wt,ppm	MAX. 20	LT 1.0
Residue on Ignition/50G,mg	MAX. 3.5	0.25
Heavy Metal(as Pb),wt.ppm	MAX. 5	LT 1.0
Sulfate,wt.ppm	MAX. 10	LT 1.0
Residual Solvent	Pass	Pass
Arsenic,wt.ppm	MAX. 1.0	LT 0.1

Specification Test	USP	RESULT
Identification (IR)	To pass the test	Pass
Organic volatile impurities	Meets the requirements	Meets the requirements

Specification Test	FCC	RESULT
Description	Clear, colorless, viscous liquid	Clear, colorless, viscous liquid
Identification (IR)	To pass the test	Pass
Inorganic Impurities Lead	≤ 1 mg/kg	≤ 1 mg/kg

- SKC PROPYLENE GLYCOL USP MEETS THE REQUIREMENT OF THE USP 32 INCLUDING PROVISIONS FOUND IN SECTION 467 ENTITLED ORGANIC VOLATILE IMPURITIES.

Signed By



SKC CO.,LTD. / DIRECTOR