

• SFC •



Supplies for Candles Ltd
Unit E Swinton Bridge Industrial Estate
Whitelee Road
Swinton
South Yorkshire
S64 8BH
UK

Telephone: 01709 257151
customerservice@suppliesforcandles.co.uk

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Mono Propylene Glycol (MPG)

Product : PG (MPG) USP/EP
Description : PROPYLENE GLYCOL USP/EP GRADE
Batch : 03082321

Loading Tank : F-4321
Loading Date : 09.08.2023
Truck Reg. Number : HUKU3710777
Manufact. Date : 03.08.2023 Expiry date: 03.08.2024

PROPERTY	VALUE	SPECIFICATION	UNIT	METHOD
Purity	99.92	99.80-100.00	% wght	MA083040
Acid value	2	0-20	ppm	MA083033
Suspended material	Exempt			MA003011
DPG content	0.044	0.000-0.100	% wght	MA083040
Water content	0.009	0.000-0.100	% wght	MA083037
Specific weight (25°C/2	1.035	1.035-1.037		MA083034
*Iron	Compliance	0,00-0,50	ppm	MA083006
Ashes	4	0-50	ppm	MA083039
*Chlorides	Compliance	0,0-1,0	ppm	MA083005
*Arsenic	Compliance	0,0-1,0	ppm	MA083011
*Heavy metals	Compliance	0,0-5,0	ppm	MA083012
*Sulphates	Compliance	0-60	ppm	MA083013

"We certify that our PG (MPG) USP/EP complies with the USP (United States Pharmacopeia) and the EP (European Pharmacopeia)."

#PG (MPG) USP/EP is registered as E-1520 as food additive##Manufacturer's registration number of feed materials ESP43501828#

GMP+ FSA assured.

* Parameter controlled annually

"Expiry period for glycols is one year from the date expressed in this certificate, assuming the product is stored between 15 and 30 °C, and avoiding oxygen atmosphere and humidity".

PROPERTY	VALUE	SPECIFICATION	UNIT	METHOD
Pt-Co colour	1	0-5	Pt-Co	MA083038
Refractive index at 20°	1.433	1.431-1.433	UN	MA003012
*Oxidizing substances	Compliance			MA083028
*Reducing substances	Compliance			MA083028
*Organic volatile impuri	Compliance			MA083026
*IR Spectrum	Compliance			MA003016
Distillation range	186.4	186.0-189.0	°C	MA083036
Appearance	Clear, colourless liquid			MA003011
Odour	Characteristic			MA083032
*M.point Nitrobenzoate	Compliance	123-128	°C	MA083029
*Ethylene and Diethylene	Compliance	0,0-0,1	%	MA083031
*Lead content	Compliance	0-1	ppm	MA083041

PROPERTY	VALUE	SPECIFICATION	UNIT	METHOD
*EP Acidity	Compliance	0,00-0,05	ml	MA083033
*MPG USP Acidity	Compliance	0,0-0,2	ml	MA083033
*Relative density 20/ 20	Compliance	1,035-1,040		MA083034
*Residue of Ignition - U	Compliance	0,0-3,5	mg	MA083039
*Residue of Ignition - F	Compliance	0,000-0,007	% wght	MA083039
*Sulphated Ashes	Compliance	0-5	mg	MA083039

TARRAGONA, 09 August 2023