Mono Ethylene Glycol (MEG)

1. IDENTIFICATION

CHEMICAL NAME: Mono Ethylene Glycol (MEG)

CHEMICAL FORMULA: $C_2H_6O_2$

CAS No.: 107-21-1

EINECS No.: 203-473-3

2. FEATURES

i. Specifications of sale

METHOD		MEASUREMENTS	VALUE	UNITS	TOLERANCE
Visual	LCQ-200	Appearance	Clear liquid without suspended matter	-	-
GLC	LCQ-201	Purity	99	%m/m	Mínimum
ASTM D 4052-96	LCQ-203	Density at 20ºC	1113	Kg/m^3	+/- 1
ASTM D 1209-93	LCQ-202	Colour (Pt-Co Scale)	20	-	Máximum
ASTM D 1364-95; ASTM E203-75	LCQ-204	Content in Water	0.2	%m/m	Máximum

ii. Typical features

METHOD	MEASUREMENTS	VALUE	UNITS	TOLERANCE
	Distillation			
ASTM D1078	Initial Point	195	ºC	Minimum
	Dry Point	205	ºC	Maximum
GC	Diethylene glycol content (DEG)	0,5	%m/m	Maximum
ASTM E202	Acids such as acetic acid	0,005	%m/m	Maximum
DIN 53491	Refractive Index at 20ºC	1,432	-	+/- 0.001
-	Ashes at 850ºC	0,002	%m/m	Maximum

3. PRESENTATION

Drum 236 Kg

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