

COMMERCIAL SPECIFICATION

PEG 400

Analytical Method Code	Quality Requirement	Commercial Specification	
		Min	Max
MA-1228	Completeness and color of solution	Pass	
# MA-622	Monoethyleneglycol and diethyleneglycol, wt%		0.20
MA-724	Heavy metals, ppm		5
MA-525	Hydroxyl value, mgKOH/g	267.0	295.0
MA-525	Average molecular weight, mgKOH/g	380.0	420.0
MA-612	Sulfated ashes, %		0.10
# MA-638	Acidity as acetic acid, wt%		0.05
MA-716	Dioxane, ppm		10
MA-706	Free ethylene oxide, ppm		10
MA-729	pH, 5wt% aqueous solution, 25°C	5.0	7.0
MA-766	Viscosity, 98,9°C +/- 0,3°C, cSt	6.8	8.0
MA-742	Appearance, 25°C	colorless transparent liquid	
MA-881	APHA Color, 25°C		25
# MA-875	Water, wt%		0.5

Informative Properties: * (Typical Values)

Quality Requirement

NF (National Formulary)

Residual solvents, ppm

Min

Max

Meets NF Requirements

Pass

Remarks:

Q30 - US

Meets NF requirements