

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Polyethylene Glycol (PEG)**
Specifications & Purity: PharmPure™, Ph.Eur., average Mn 1500
SKU #: **P432442**

Parameter	Limit Values
Identity(ChP)(precipitin reaction)	passes test
Appearance(P432442)	white or almost white solid with a waxy or paraffin-like appearance
Solubility very soluble in water and in methylene chloride, freely soluble in ethanol (96 per cent), practically insoluble in fatty oils and in mineral oils	Pass
Identity(ChP,EP)(chromogenic reaction)	Passes test
Identity(EP)(precipitin reaction)	Passes test
Viscosity(20°C)	31-46 (mm ² /s)
Viscosity(40°C)	3.0-4.0(mm ² /s)
Appearance of solution	Conforms
Acidity,Alkalinity	passes test
Solidification Point	42-48 (°C)
Hydroxyl value	70-80 (mgKOH/g)
Reducing Substances	pass
Formaldehyde	0-30 (ppm)
Ethylene oxide(GC)	0-1 (ppm)
Dioxan(GC)	0-10 (ppm)
Sulfated Ash	0-0.1 (%)
Water by Karl Fischer	0-1 (%)
average molecular mass	1350-1650
PH(5% in water,25°C)	4-7.5
Diethylene glycol	0-0.1 (%)
Ethylene glycol	0-0.1 (%)
Triethylene glycol	0-0.1 (%)
Heavy metals	0-5 (ppm)