

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Polyethylene glycol 400**
 Specifications & Purity: **PharmPure™, Ph.Eur.**
 SKU #: **P774684**

Parameter	Limit Values
Appearance(P774684)	clear viscous colourless hygroscopic liquid
Identity(Precipitation test)	passes test
Identity(color test)	passes test
Appearance of solution	Conforms
PH (5%, water) 25 ° C	4.5-7.5
Density(D 20/20)	1.110-1.14
Viscosity(40°C)	37-45(mm ² /s)
Acidity,Alkalinity	passes test
Acidity (according to JP)	Pass
Reducing Substances	pass
Viscosity (98.9°C,USP)	6.8-8.0 (mm ² /s)
Diethylene glycol	0-0.1 (%)
Ethylene glycol	≤ 0.1 (%)
Triethylene glycol	≤ 0.3 (%)
Ethylene oxide	≤0.0001 (%)
dioxane	≤0.001 (%)
Hydroxyl value	264-300 (mgKOH/g)
Average molecular mass	380-420
Formaldehyde	≤ 0.001 (%)
Sulfated Ash	0-0.1 (%)
Water by Karl Fischer	0-1 (%)
Heavy metals	0-5 (ppm)
As (Arsenic)	0-0.0003 (%)
Endotoxins	≤ 0.012 (EU/mg)
Total Aerobic Microbial Count	0-100 (cfu/ml)
Total yeasts and molds count(TYMC)	0-10 (cfu/ml)