



18500 SW Teton Ave  
Tualatin, OR 97062  
Phone 855-370-2436

### Certificate of Analysis

<b>Product:</b>	Polyethylene Glycol 8000	<b>Code:</b>	P1290
<b>CAS#:</b>	25322-68-3	<b>F.W.:</b>	8000g/mole
<b>Lot#:</b>	T017001		H(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> OH

Parameter	Specifications	Result
Completeness and color of solutions		Passed
Dioane, ppm	0 to 1 ppm	1 ppm
Ethylene Oxide, ppm	0 to 1 ppm	0 ppm
Hydroxyl value, mgKOH/g	12.5 to 16.0 mgKOH/g	13.0 mgKOH/g
Average molecular weight, g/mol	7000 to 9000 g/mol	8650 g/mol
Sulfated ashes, wt%	0.00 to 0.10%	0.02%
Acid value, mgKOH/g	0.00 to 0.50 mgKOH/g	0.10 mgKOH/g
pH, 5% wt/v aqueous solution, 25 C	4.5 to 7.5 pH	6.0 pH
Viscosity, 98.9C +/- 0.3 C, cSt	470 to 900 cSt	968 cSt
APHA Color, 25% aqueous solution, 25 C	0 to 30 APHA	11 APHA
Water, wt%	0.0 to 1.0%	0.3%

**Verified by:**

Chemical Production Manager  
Chemproducts LLC

**Date: 01/2022**