

BIOCHEMICALS
BY

SORACHIM

PEG 8000 (Polyethylene glycol 8000)

PEG-008

SPECIFICATIONS

CAS:	25322-68-3
Molecular formula:	$\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$
Molecular weight:	7000 - 9000
Appearance:	White/colorless powder or flakes
Solubility:	Clear solution at 5% in water at 25°C
Melting point:	61 - 64 °C
pH (5%, H ₂ O):	5.5 - 7.0
Water:	< 0.5 %
UV data:	260 nm: < 0.099 280 nm: < 0.03
Peroxides (H ₂ O ₂):	< 0.001 %
Chloride:	< 50 ppm
Copper:	< 5 ppm
Iron:	< 5 ppm
Storage:	Room Temperature. Protect from moisture.
Stability:	Stable at least 2 years at R.T