

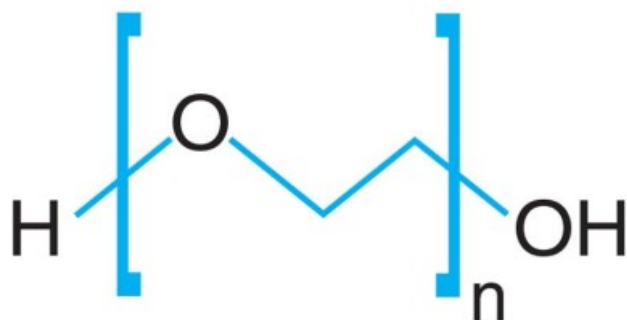


# 80% w/v Polyethylene glycol 600 - 100 ml

Crystallization grade Polyethylene glycol 600 for formulating screens or for optimization

**Product codes:**

Reference: HR 2860

**Product gallery:****Product description:**

- HR2-859 100% Polyethylene glycol is a waxy solid at room temperature
- HR2-860 80% w/v Polyethylene glycol is a solution at room temperature
- HR2-860 is sterile filtered and formulated in Type 1+ ultrapure water: 18.2 megaohm-cm resistivity at 25°C, 5 ppb Total Organic Carbon, bacteria free (1 Bacteria (CFU/ml)), pyrogen free (0.03 Endotoxin (EU/ml)), RNase-free ( 0.01 ng/mL) and DNase-free ( 4 pg/μL)

Polyethylene glycol 600

Synonyms: PEG 600

$\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$

Mr 570-630

CAS Number [25322-68-3]

EC Number 500-038-2

Merck 14,7568

RTECS TQ3500000

MDL Number MFCD00081839

Vapor density >1 (vs air)

Vapor pressure 0.01 mmHg (20°C)

Autoignition temperature 581°F

Refractive index (lit.)  $n_{20/D}$  1.468-1.470

Melting point 17-22°C



HR2-859 100% Polyethylene glycol is a waxy solid at room temperature  
HR2-860 80% w/v Polyethylene glycol is a solution at room temperature

Solubility in water: soluble to 80% v/v at 25°C, clear, colorless  
Density (100%) 1.13 g/mL at 20°C

HR2-859 Measured Refractive Index Range: 1.46874 - 1.46951 at 20°C  
HR2-859 Measured Conductivity Range: 2.9 - 3.6  $\mu\text{S/cm}$  at 25°C

HR2-860 Measured Refractive Index Range: 1.43676 - 1.46951 at 20°C  
HR2-860 Measured Conductivity Range: 21.3 - 24.6  $\mu\text{S/cm}$  at 25°C

Total impurities as insoluble matter: passes filter test

Peroxides (as  $\text{H}_2\text{O}_2$ )  $\leq 0.001\%$

Al  $\leq 0.0005\%$

As  $\leq 0.00001\%$

Ba  $\leq 0.0005\%$

Bi  $\leq 0.0005\%$

Ca  $\leq 0.001\%$

Cd  $\leq 0.0005\%$

Cl  $\leq 0.005\%$

Co  $\leq 0.0005\%$

Cr  $\leq 0.0005\%$

Cu  $\leq 0.0005\%$

Fe  $\leq 0.0005\%$

K  $\leq 0.02\%$

Li  $\leq 0.0005\%$

Mg  $\leq 0.0005\%$

Mn  $\leq 0.0005\%$

Mo  $\leq 0.0005\%$

Na  $\leq 0.02\%$

Ni  $\leq 0.0005\%$

Pb  $\leq 0.0005\%$

$\text{SO}_4$   $\leq 0.005\%$

Sr  $\leq 0.0005\%$

Zn  $\leq 0.0005\%$

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

### Product features:

CRF - TIPO: Polyethylene glycol 600