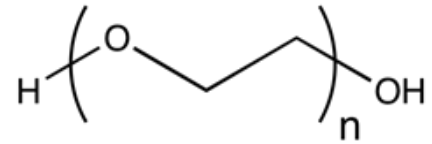


**Polyethylene glycol 6000, molecular biology grade****Identification**

HO(C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>H  
M = 6000 g/mol  
CAS [25322-68-3]  
EC number: 203-473-3  
Taric code: 3404 20 00

**Synonyms**

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

**Applications**

synthesis of organic products, in food industry, cosmetics.

**Specifications**

identity (IR-spectrum).....passes test  
absorbance of an aqueous solution  
0,01 M in a 1 cm cell at 260 nm ..... max. 0,200 AU

absorbance of an aqueous solution  
0,01 M in a 1 cm cell at 280 nm ..... max. 0,100 AU  
heavy metals (as Pb)..... max. 5 ppm  
DNases, RNases, Proteases ..... non detected

**Physical data**

- Appearance: flakes, white, up to 1cm
- Spec. Density: 1,21 g/cm<sup>3</sup>
- Solub. in water: (20 °C): ~ 500 g/l
- Melting point: 55 - 62 °C
- Flash point: 250 °C
- Ignition temperature: 420 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- pH(100 g/l H<sub>2</sub>O, 20 °C) 4 - 7

**Transport/storage**

- 15°C - 25°C