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## PO0065 Polyethylene glycol 6000, EssentQ®

identity (IR-spectrum) .....passes test  
average molar mass .....5000 - 7000  
melting range ..... 56 - 61°C

hydroxyl number ..... 16 - 23

ART. NO.	VOLUME	CONTAINER
PO00651000	1 kg	Ⓟ

## PO0066 Polyethylene glycol 6000, molecular biology grade

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  
heavy metals (as Pb) ..... max. 5 ppm  
DNases, RNases, Proteases ..... non detected

ART. NO.	VOLUME	CONTAINER
PO00660100	100 g	Ⓟ
PO00661000	1 kg	Ⓟ

## POLYETHYLENE GLYCOL 8000

### PO0069 Polyethylene glycol 8000, EssentQ®



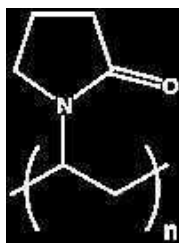
- Synonyms: Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide
- $\text{HO}(\text{C}_2\text{H}_4\text{O})_n\text{H}$
- $M = 8000 \text{ g/mol}$
- CAS [25322-68-3]
- EINECS-No.: 203-473-3
- Solub. in water: (20 °C): ~ 500 g/l
- Melting point: 56 - 63 °C
- Flash pt. > 270 °C
- Tariff number: 3404 20 00 00
- Applications: synthesis of organic products, in food industry, cosmetics, in the pharmaceuticals industry, in biochemistry.

average molar mass .....7000 - 9000  
solubility (5 %,  $\text{H}_2\text{O}$ ) ..... total  
pH (5 %,  $\text{H}_2\text{O}$ ) ..... 5,5 - 7,0  
peroxides (as  $\text{H}_2\text{O}_2$ ) ..... max. 0,001 %  
chlorides (Cl) ..... max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PO00691000	1 kg	Ⓟ
PO0069005P	5 kg	Ⓟ
PO0069025P	25 kg	Ⓟ

## POLYVINYLPIRROLIDONE

### PO0080 Polyvinylpyrrolidone, molecular biology grade

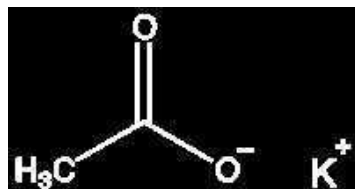


- Synonyms: PVP
- $(\text{C}_6\text{H}_9\text{NO})_n$
- CAS [9003-39-8]
- EINECS-No.: 201-800-4
- Solub. in water: (23 °C): > 270 g/l
- Melting point: > 130 °C (decomposes)
- Flash pt. > 215 °C
- Ignition temp.: 425 °C
- LD 50 (oral, rat): > 2000 mg/kg
- Tariff number: 3905 99 90 99
- Applications: in biochemistry, cosmetics, in the pharmaceuticals industry, photography.

nitrogen content (referred to  
dried sample) ..... 11,5 - 12,8 %  
heavy metals (as Pb) ..... max. 0,001 %  
loss on drying (105 °C) ..... max. 5 %  
DNases, RNases, Proteases ..... non detected

ART. NO.	VOLUME	CONTAINER
PO00800100	100 g	Ⓟ
PO00801000	1 kg	Ⓟ

## POTASSIUM ACETATE



- Synonyms: Acetic acid potassium salt
- $\text{CH}_3\text{COOK}$
- $M = 98,15 \text{ g/mol}$
- CAS [127-08-2]
- EINECS-No.: 204-822-2
- Solub. in water: (20 °C): soluble
- Melting point: 292 °C
- Flash pt. > 250 °C

- LD 50 (oral, rat): 3250 mg/kg
- Tariff number: 2915 29 00 90
- Applications: analytical chemistry, laboratory reagent, in food industry.

### PO0109 Potassium acetate, extra pure, Pharmpur®, Ph Eur, BP

assay (titr. with  $\text{HClO}_4$   
on dried sample) ..... 99,0 - 101,0 %  
identification .....passes test  
appearance of solution .....clear and colourless  
pH (5 %, 20 °C) ..... 7,5 - 9,0  
chlorides (Cl) ..... max. 200 ppm  
sulfates ( $\text{SO}_4$ ) ..... max. 200 ppm  
iron (Fe) ..... max. 20 ppm

sodium (Na) .....max. 0,5 %  
reducing substances .....passes test  
loss on drying (105 °C) .....max. 3,0 %  
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
PO01091000	1 kg	Ⓟ
PO0109025P	25 kg	Ⓟ