

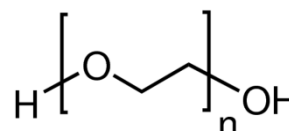


# Product Specification

cdhfinechemical.com

## POLYETHYLENE GLYCOL 4000 FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>971730</b>
<b>SYNONYMS</b>	<b>PEG 4000, Macrogol 4,000</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>25322-68-3</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>H(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub> OH</b>
<b>AVERAGE MOLECULAR WEIGHT</b>	<b>3600-4400</b>
<b>PROPERTIES</b>	<b>Store below 30°C</b>



### PARAMETER LIMIT

Description	White to almost white waxy like solid or flakes or powder.
Solubility	Soluble in water.
pH (5% in water at 20°C)	4.0 - 7.0
Congealing point	53-59°C

### MAXIMUM LIMIT OF IMPURITIES

Water (K.F.)	1.0%
Hydroxyl Value	25-32 mg KOH/g
Sulphated ash	0.20%
DNase, RNase	None detected

Note(s): Assay (if applicable) method mentioned.

### WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code	: --
UN No.	: --
IATA	: --