



CERTIFICATE OF ANALYSIS

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1. Identification

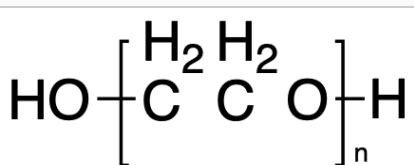
Catalogue Number: P688373

CAS Number: 25322-68-3

Synonym: ?-Hydro-?-hydroxy-poly(oxy-1,2-ethanediyl); 1,2-Ethanediol, Homopolymer; 1660O; 1660S; 400DAB8; Alkox; Antarox E 4000; Aqua Calk TWB-P; Aquacide III; Aquaffin; B 22181; BDH 301; Badimol; Beraid 3540; Bradsyn PEG; Breox 2000; Breox 20M; Breox 4000; Breox 550; Breox PEG 300; Carbowax; Cartaretin E; Cerasol; Chemiox E 20(C); Colonsoft; DB-WAX; DD 3002; Deactivator H; Decuflux RM 33; Desmophen L 1208; Duraseal; Emkapol; Ethylene glycol homopolymer; Ethylene oxide polymer; Ethylene oxide, homopolymer

Product: Poly(ethylene Glycol) ~20000

Structure:



Molecular Formula:

$(C_2H_4O)_nH_2O$

Molecular weight:

N/A

Source of Product:

N/A

Solubility:

Benzene (Slightly),
Chloroform (Slightly),
Methanol (Slightly), Water
(Slightly)

Lot Number: 5-DOS-158-1

Purity: N/A

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
MS (MALDI)	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	8/15/2022	8/13/2026
				