

Certificate of Analysis

Formula Hill: $(C_2H_4O)_n$
Molar Mass:
CAS N°: 25322-68-3

Date of Print: 28 October 2024

110391 Polyethyleneglycol 400, NF, Ph. Eur.

Batch: L-431349

Analysis Nb: 8.811

	Specification	Batch values
Identity	conforms	conforms
Appearance		
- Hygroscopic liquid	conforms	conforms
- Clear viscous colourless	conforms	conforms
Appearance of solution	conforms	conforms
Acidity/Alkalinity	conforms	conforms
Average molecular mass	380 - 420	392
Dynamic viscosity (20°C)	105 - 130 mPa·s	105-130 mPa·s
Hydroxyl value	264 - 300	286
Kinematic viscosity (20°C)	94 - 116 cSt	105 cSt
Viscosity 98,9 ± 0,3°C	6,8 - 8,0 cSt	7,4 cSt
Ethylene glycol and diethylene glycol	≤ 0,25 %	< 0,20 %
Ethylene oxide	≤ 1 ppm	< 1 ppm
Formaldehyde	≤ 0,0015 %	< 0,0015 %
Dioxane	≤ 0,0010 %	< 0,0010 %
Reducing substances	conforms	conforms
Sulfated ash	≤ 0,1 %	0,1 %
Water by KF	≤ 1,0 %	0,2 %

Release date: 28 Oct 2024

Minimum shelf life: 27 Oct 2029

Conforms to: NF, Ph. Eur. specification

Purchaser must determine the suitability of the product for its particular use. The values given on the "Certificate of Analysis" are the results determined at the time of analysis

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