

Certificate of Analysis

Product Name	Polyoxyl 15 Hydroxystearate USP, Ph. Eur. grade
Glentham Code	GX7347
CAS Number	70142-34-6
Batch Number	117EUS

Molecular Weight	-
Molecular Formula	-
Storage Temp.	+20°C

Property	Specification	Batch 117EUS
Physical Description	Off-white to yellowish paste	Conforms
Identification	Ph. Eur.	Conforms
Acid Value	≤ 1.0mgKOH/g	0.2mgKOH/g
Hydroxyl Value	90 - 110 mgKOH/g	102mgKOH/g
Iodine Value	≤ 2.0g/100g	0.4g/100g
Peroxide Value	≤ 3.0meq/kg	≤ 1.0meq/kg
Saponification Value	53 - 63 mgKOH/g	59mgKOH/g
Free Macrogols	27.0 - 39.0 %	32.8%
Nickel (Ni)	≤ 1ppm	Conforms
Water	≤ 0.5%	0.1%
Ash	≤ 0.3%	0.2%
pH	5.0 - 7.0 (10g/100ml water)	6.0
Heavy Metals	≤ 10ppm	Conforms
Melting Point	22 - 30 °C	24°C
Ethylene Oxide	≤ 1ppm	Conforms
1,4-Dioxane	≤ 10ppm	Conforms
Diethylene Glycol	≤ 620ppm	≤ 100ppm
Residual Solvents	Acetic acid: ≤ 0.5%	Conforms
	Ethylene glycol: ≤ 620ppm	≤ 50
Appearance of Solution	Opalescence: < Solution III. Colour: < B6 or BY6	Conforms
Pharmacopoeia Specification(s)	USP, Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2022-08-15
Re-Test Date	2029-11-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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