

## Polysorbate 80

<b>CODE ARTICLE:</b> 93476	<b>BATCH:</b> 0133413
<b>TEST DATE:</b> 15/01/2025	<b>TEST:</b> QC-00271556
<b>EXPIRY DATE:</b> 30/04/2027	<b>FABRICATION DATE:</b> 01/04/2024
<b>CAS:</b> [9005-65-6]	
<b>SYNONYMS / BOTANICAL NAME:</b> Tween 80; E-433; Polisorbato 80	
<b>STORAGE:</b> Store in tightly closed containers in a cool, dry place.	

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	PASS	-		OILY VISCOUS LIQUID	PH.EUR.*
COLOUR	PASS	-		YELLOW	PH.EUR.*
<b>SOLUBILITY</b>					
SOLUBLE	PASS			DISPERSIBLE IN WATER, ANHYDRATED ETHANOL, ETHYL ACETATE AND METHANOL.	PH.EUR.
INSOLUBLE	PASS			FATTY ACIDS AND LIQUID PARAFFIN	PH.EUR.
<b>IDENTIFICATION</b>					
IDENTIFICATION A (IR SPECTRUM)	PASS				PH.EUR.*
IDENTIFICACION B (INDICE DE HIDROXILOS)	69 mg	KOH/gr	65	80	PH.EUR.
IDENTIFICACION C (INDICE SAPONIFICACION)	50,7 mg	KOH/gr	45	55	PH.EUR.
IDENTIFICACION D (COMPOSICIÓN ÁC. GRASOS)	PASS				PH.EUR.
IDENTIFICATION E	PASS				PH.EUR.
VISCOSITY	PASS	mPa*S		400	PH.EUR.
RELATIVE DENSITY	PASS	G/ML		APROX. 1,10	PH.EUR.
ACIDITY INDEX	0,87 mg	KOH/gr	-	2	PH.EUR.
PEROXIDES INDEX	4,98 meq	O2/Kg		10	PH.EUR.
ETHYLENE OXIDE	0,0 ppm			0,2	PH.EUR.
DIOXAN	0,0 ppm			5	PH.EUR.
WATER	2,69 %		-	3	PH.EUR.
SULPHATED ASH	PASS	%		0.25	PH.EUR.
<b>FATTY ACIDS</b>					
MYRISTIC ACID (C14:0)	PASS	%		5,0	PH.EUR.
PALMITIC ACID (C16:0)	PASS	%		16,0	PH.EUR.
PALMITOLEIC ACID (C16:1)	PASS	%		8,0	PH.EUR.
STEARIC ACID (C18:0)	PASS	%		6,0	PH.EUR.
OLEIC ACID (C18:1)	PASS	%	58,0	88,0	PH.EUR.
LINOLEIC ACID (C18:2)	PASS	%		18,0	PH.EUR.
LINOLENIC ACID (C18:3)	PASS	%		4,0	PH.EUR.
COLOUR	4,5	Gardner	-	6	Manufacture's Standard
DENSITY	PASS	G/ML	1,06	1,10	Manufacture's Standard

The data expressed in this certificate of analysis is facilitated by our supplier and/or obtained in our control laboratory, in no case being exempted of the controls demanded by each sector. Tests marked with (\*) are verified in Guinama.

Manufacturer Batch: 04241771

Manufacturer Code: 48299 Supplier Code: 401338

GUINAMA S.L. Calle Oslo, 3 46185 La Pobla de Vallbona (Valencia) Spain

Phone: +34 96 186 90 90 / 902 11 98 16 Fax: 96 185 03 52 E-mail: ventas@guinama.com - www.guinama.com



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TEST	RESULTS	Units	MIN	MAX	METHOD
IODINE INDEX	19,90 g I2/100g		18	24	Manufacture's Standard
REDUCING SUBSTANCES	PASS	ML		5,0	Manufacture's Standard
VOLATILE ORGANIC IMPURITIES	PASS				Manufacture's Standard
HEAVY METALS	PASS	ppm		10	Manufacture's Standard
LEAD	PASS	ppm		2	Manufacture's Standard
CADMIUM	PASS	ppm		1	Manufacture's Standard
ARSENIC	PASS	ppm		3	Manufacture's Standard
MERCURY	PASS	ppm		0,1	Manufacture's Standard
ETILENHIDRINA	ABSENCE				Manufacture's Standard
BACTERIAS TOTALES	PASS	cfu/g		100	Manufacture's Standard
MOLDS AND YEASTS	PASS	cfu/g		10	Manufacture's Standard
PATHOGENS	ABSENCE				Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard
SAMPLING	COLLECT				Manufacture's Standard
SPECIFICATION	PH.EUR 11, USP, FCC				Manufacture's Standard



**Silvia Sancho-Tello Ripoll**  
Technical Director.

**The product has been handled in NON-sterile rooms, therefore this product IS NOT STERILE**

**Suitable for oral use. Not valid for the production of food supplements or foods.**

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