



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 251859**

Product:	TWEEN 80
Lot:	251859
Expiry date:	30/06/2027
Reference:	Cumple PhEur11.8
Synonyms:	Polisorbato 80. E-433.
Formula:	Aprox. C <sub>64</sub> H <sub>125</sub> O <sub>26</sub>
Molecular weight:	aprox. 1309 g/mol

Assay	Result	Specification
Identification	Conform (A,B,C,D,E)	
Organoleptic properties	Conform	
Heavy metals	<= 10 ppm	<= 10 ppm
Fatty acid composition (GC)	Conform	
Acidity value	1,3	<= 2,0
Saponification value	50	45-55
Hydroxyl value	72	65-80
Peroxyde value	0	<= 10,0
H <sub>2</sub> O content	2,4 %	=< 3,0%
Total ashes	<= 0,25 %	<= 0,25 %
Ethylene oxide, Dioxane	<1 ppm, < 10 ppm	<= 1 ppm, <= 10 ppm

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 31/10/2025

Judgement:  
APPROVED

Responsible: B.Chia

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1187346	TWEEN 80	100 g	251859-J-1
1187347	TWEEN 80	250 g	251859-N-1
1187349	TWEEN 80	1 kg	251859-P-1

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

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