



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 233918

Product:	TWEEN 80
Lot:	233918
Expiry date:	30/07/2025
Reference:	Cumple PhEur 11.3
Synonyms:	Polisorbato 80. E-433.
Formula:	Aprox. C ₆₄ H ₁₂₅ O ₂₆
Molecular weight:	apr.1309 g/mol

Assay	Result	Specification
Heavy metals	<= 10 ppm	<= 10 ppm
Fatty acid composition (GC)	Conform	
Acidity value	1,0	<= 2,0
Saponification value	53	45-55
Hydroxyl value	74	65-80
Peroxyde value	0	<= 10,0
H ₂ O content	2,4 %	=< 3,0%
Total ashes	<= 0,25 %	<= 0,25 %
Ethylene oxide, Dioxane	< 0,2 ppm , 4 ppm	<= 1 ppm, <= 10 ppm
Identification	Conform (A,B,C,D,E)	
Organoleptic properties	Conform	

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 24/01/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1187346	TWEEN 80	100 g	233918-J-1
1187346	TWEEN 80	100 g	233918-J-2
1187347	TWEEN 80	250 g	233918-N-1
1187347	TWEEN 80	250 g	233918-N-2
1187349	TWEEN 80	1 kg	233918-P-1
1187349	TWEEN 80	1 kg	233918-P-2

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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