



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 233687

Product:	TWEEN 80
Lot:	233687
Expiry date:	30/07/2025
Reference:	Cumple PhEur 11.2
Synonyms:	Polisorbato 80. E-433.
Formule:	Aprox. C ₆₄ H ₁₂₅ O ₂₆
Poids moléculaire:	apr.1309 g/mol

Assay	Result	Specification
Saponification value	49	45-55
Hydroxyl value	77	65-80
Fatty acid composition (GC)	Conform	
Acidity value	1,0	<= 2,0
Heavy metals	< 10 ppm	<= 10 ppm
Organoleptic properties	Conform	
Identification	Conform (A,B,C,D,E)	
Total ashes	< 0,25 %	<= 0,25 %
Ethylene oxide, Dioxane	< 0,2 ppm , 4 ppm	<= 1 ppm, <= 10 ppm
Peroxyde value	0	<= 10,0
H2O content	2,5 %	=< 3,0%

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 08/11/2023

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Produit	Nom	Capacité	Lot
1187346	TWEEN 80	100 g	233687-J-1
1187347	TWEEN 80	250 g	233687-N-1
1187349	TWEEN 80	1 kg	233687-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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