



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 233185

Product:	ALUMINIUM HYDROCHLORIDE
Lot:	233185
Expiry date:	27/01/2026
Reference:	Cumple USP-NF2023-2
Synonyms:	Aluminio hidroxiclورو. Aluminium chlorohydrate.
Formula:	$\text{Al}_2(\text{OH})_5\text{Cl} \cdot 2\text{H}_2\text{O}$
Molecular weight:	g/mol

Assay	Result	Specification
Identification	Conform (A)	Test USP
Organoleptic properties	Conform	
Cl content	Conform	Test USP
Alluminium content	Conform	Test USP
Atomic ratio Al/Cl	1,98:1	1,91:1-2,10:1
Assay (USP)	96,0 %	90,0 - 110,0 %
pH	4,3	3,0 - 5,0
Iron	56 ppm	<= 150 ppm
Arsenic	0 ppm	<= 2 ppm
Heavy metals	1 ppm	<= 20 ppm
	79,4 %	72,0 - 88,0 %

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 10/11/2023

Judgement:
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

Product	Name	Capacity	Batch
1103326	ALUMINIO CLORHIDROXIDO	100 g	233185-J-1
1103326	ALUMINIO CLORHIDROXIDO	100 g	233185-J-2
1103327	ALUMINIO CLORHIDROXIDO	250 g	233185-N-1
1103327	ALUMINIO CLORHIDROXIDO	250 g	233185-N-2
1103329	ALUMINIO CLORHIDROXIDO (INACTIVO)	1 kg	233185-P-1
1103329	ALUMINIO CLORHIDROXIDO (INACTIVO)	1 kg	233185-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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