

ORIGINAL

CERTIFICATE OF ANALYSIS
POTASSIUM NITRATE "CRYSTALLIZED"



CAS N°	7757-79-1
EINECS N°	231-818-8
UN	1486
LOT	N7606
QUANTITY	55 Ton. (2.200 BAGS)
ELABORATION DATE	FEBRUARY 2024
DATE OF EXPIRY	FEBRUARY 2026

N (%)	P ₂ O ₅ (%)	K ₂ O (%)
13	00	45

HEAVY METALS

CHEMICAL ANALYSIS		METODOLOGY	REFERENCE NORM
ARSENIC (As)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
LEAD (Pb)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
MERCURY (Hg)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
CADMIUM (Cd)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
CHROME (Cr)	<0,001 % (P/P)	AGRO-336/ION	STANDARD METHOD (*)
CHEMICAL ANALYSIS (%)		METODOLOGY	REFERENCE NORM
K	37,45	ATOMIC ABSORPTION	STANDARD METHOD (*)
K ₂ O	45,0		
Na	1,13	ATOMIC ABSORPTION	STANDARD METHOD (*)
Mg	0,12	COMPLEXOMETRY	STANDARD METHOD (*)
Ca	0,1	COMPLEXOMETRY	STANDARD METHOD (*)
NO ₃	58,90	ABSORPTION MOLECULAR	STANDARD METHOD (*)
N	13,30		
Cl	0,64	Volumetry / Complexometry (Morth)	STANDARD METHOD (*)
SO ₄	0,82	GRAVIMETRY / PRECIPITATE	STANDARD METHOD (*)
S	0,27		
H ₂ O	0,60	GRAVIMETRY	STANDARD METHOD (*)
INSOLUBLE	0,24	GRAVIMETRY	STANDARD METHOD (*)
SOLUBILITY H ₂ O 20°C	31 kg In 100 l	BASIC METHOD BY WEIGHING	STANDARD METHOD (*)
PH		INSTRUMENTAL METER / PH	STANDARD METHOD (*)
Anticaking	YES		

(*) STANDARD METHOD FOR THE EXAMINATION OF WATER AND WASTEWATER. 21st ED. 2005

Cosayach EXPORTADORA S.A.
CHEMICAL LABORATORY

Cosayach EXPORTADORA S.A.
QUALITY CONTROL DEPARTMENT

DATE: MARCH 04, 2024