

ORIGINAL

CERTIFICATE OF ANALYSIS
POTASSIUM NITRATE "CRYSTALLIZED"



CAS N°	7757-79-1
EINECS N°	231-818-8
RE	2650
LOT	N7658
UN	1486
QUANTITY	55 Ton. (2200 BAGS)
ELABORATION DATE	OCTOBER 2024
DATE OF EXPIRY	OCTOBER 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 (*)
IRON (Fe)	0,02 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	37,49	ATOMIC ABSORPTION	STANDARD METHOD (*)
K ₂ O	45		
Na	0,64	ATOMIC ABSORPTION	STANDARD METHOD (*)
Mg	0,22	COMPLEXOMETRY	STANDARD METHOD (*)
Ca	0,1	COMPLEXOMETRY	STANDARD METHOD (*)
NO ₃	58,95	ABSORPTION MOLECULAR	STANDARD METHOD (*)
N	13		
Cl	0,59	VOLUMETRY/COMPLEXOMETRY (MORTH)	STANDARD METHOD (*)
SO ₄	0,97	GRAVIMETRY / PRECIPITATE	STANDARD METHOD (*)
S	0,32		
H ₂ O	0,36	GRAVIMETRY	STANDARD METHOD (*)
INSOLUBLE	0,14	GRAVIMETRY	STANDARD METHOD (*)
SOLUBILITY H ₂ O 20°C	88 kg ln 100 l	BASIC METHOD BY WEIGHING	STANDARD METHOD (*)
PH	8	INSTRUMENTAL METER / PH	STANDARD METHOD (*)
Anticaking	YES		

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

