

ORIGINAL

**CERTIFICATE OF ANALYSIS**  
**POTASSIUM NITRATE "CRYSTALLIZED"**



CAS Nº	7757-79-1
EINECS Nº	231-818-8
REQ	2670
LOT	N7683
UN	1486
QUANTITY	55 Ton. ( 2200 BAGS )
ELABORATION DATE	NOVEMBER 2024
DATE OF EXPIRY	NOVEMBER 2026

N (%)	P <sub>2</sub> O <sub>5</sub> (%)	K <sub>2</sub> O (%)
13	00	45

CHEMICAL ANALYSIS		HEAVY METALS	
		METODOLOGY	REFERENCE NORM
ARSENIC (As)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
PLOMO (Pb)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
CADMIUM (Cd)	<0,5 MG/KG	AGRO-336/ION	STANDARD METHOD (*)
CHROMIUM (Cr)	<0,001 % (P/P)	AGRO-336/ION	STANDARD METHOD (*)
IRON (Fe)	<0,002 % (P/P)	AGRO-336/ION	STANDARD METHOD (*)
CHEMICAL ANALYSIS (%)		METODOLOGY	REFERENCE NORM
K	37.74	ATOMIC ABSORPTION	STANDARD METHOD (*)
K <sub>2</sub> O	45		
Na	0.47	ATOMIC ABSORPTION	STANDARD METHOD (*)
Mg	0.17	COMPLEXOMETRY	STANDARD METHOD (*)
Ca	0.1	COMPLEXOMETRY	STANDARD METHOD (*)
NO <sub>3</sub>	58.52	ABSORPTION MOLECULAR	STANDARD METHOD (*)
N	13		
Cl	0.53	VOLUMETRY/COMPLEXOMETRY (MORTH)	STANDARD METHOD (*)
SO <sub>4</sub>	0.85	GRAVIMETRY / PRECIPITATE	STANDARD METHOD (*)
S	0.28		
H <sub>2</sub> O	0.14	GRAVIMETRY	STANDARD METHOD (*)
INSOLUBLE	0.09	GRAVIMETRY	STANDARD METHOD (*)
SOLUBILITY H <sub>2</sub> 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

Cosayach EXPORTADORA S.A.  
CHEMICAL LABORATORY

Cosayach EXPORTADORA S.A.  
QUALITY CONTROL DEPARTMENT

DATE: NOVEMBER 29, 2024