



PRODUCT SPECIFICATION TECNICO
POTASSIUM CARBONATE
Type PHARMA GRADE STANDARD

SP-04-G1 K₂CO₃
STANDARD
PHARMA GRADE
Rev. 05 by 27.07.2016

FORMULA	K₂CO₃
C.A.S. NUMBER	584-08-7
EINECS NUMBER	209-529-3
REGISTRATION NUMBER REACH	01-2119532646-36-0010
CUSTOM TARIFF	2836.4000
SHELF LIFE	1 YEAR

type analytical	CHEMICAL ANALISYS	As	MIN.	MAX.	UNIT
A	Apparence		<i>Solid, granular, white.</i>		
A	Assay	K ₂ CO ₃	99,0		% w/w
C	Potash	KOH	Instr. Limit	0.2	% w/w
C	Sodium	Na	0.01	0.5	% w/w
C	Moisture	H ₂ O		0,5	% w/w
C	Loss on druing (180 °C 4h)			0,5	% w/w
C	Potassium chlorate	KClO ₃	I. L.	0,03	% w/w
C	Water insolubles			20	ppm
A	Chloride	Cl ⁻	5	60	ppm
C	Sulphate	SO ₄ ⁻	5	50	ppm
C	Iron	Fe	I. L.	3	ppm
C	Density at 20°C			1,300	Kg/l
GRAIN SIZE		MIN	MAX	ASTM-E-11-61	
C	OVER	1,190 mm		1 %	=
C	=	0,297 mm	80 %		=

Values A = Analysis certificate emission.

Values C = Conformity declaration. (Values determined through statistical analysis on the process.)

OTHER CHARACTERISTICS OF THE PRODUCT

EUROPEAN PHARMAPOEIA 8th EDITION

The product complies with the purity criteria set out by the European Pharmacopoeia:

ORIGIN

This product is manufactured in Italy and It is of mineral origin.

SOLVENT

The product contains absolutely no trace of volatile solvent residues.

SVCH

The product does not contain any of the substances in the list of those highly dangerous.

DIOXINE

The product is free from danger of Dioxines

CERTIFICATIONS:

N° CERTIFICATE ISO 9001:2008	CERT-14061-2004-AQ-FLR-SINCERT
N° CERTIFICATE ISO 14001:2004	CERT-1067-2004-AE-FLR-SINCERT
EMAS VALIDATION STATEMENT	IT 001438 (868115-2010-AE-ITA-ACCREDIA)
N° CERTIFICATE ISO FSSC 22000:2011	146682-2013-FSMS-ITA-RvA
FDA VALIDATION STATEMENT	10843879728

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