



**PRODUCT SPECIFICATION TECNICO**  
**POTASSIUM CARBONATE**  
**Type PHARMA GRADE MICRO**  
**POWDER**

**SP-04-H1 K<sub>2</sub>CO<sub>3</sub>**  
**MICRO POWDER**  
**PHARMA GRADE**  
Rev. 05 by 27.07.2016

<b>FORMULA</b>	<b>K<sub>2</sub>CO<sub>3</sub></b>
<b>C.A.S. NUMBER</b>	<b>584-08-7</b>
<b>EINECS NUMBER</b>	<b>209-529-3</b>
<b>REGISTRATION NUMBER REACH</b>	<b>01-2119532646-36-0010</b>
<b>CUSTOM TARIFF</b>	<b>2836.4000</b>
<b>SHELF LIFE</b>	<b>1 YEAR</b>

type analytical	CHEMICAL ANALISYS	As	MIN.	MAX.	UNIT
A	Apparence		<i>Solid, granular, white.</i>		
A	Assay	K <sub>2</sub> CO <sub>3</sub>	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 <sub>2</sub> O		0,5	% w/w
C	Loss on druing (180 °C 4h)			0,5	% w/w
C	Potassium chlorate	KClO <sub>3</sub>	I. L.	0,03	% w/w
C	Water insolubles			20	ppm
A	Chloride	Cl <sup>-</sup>	5	60	ppm
C	Sulphate	SO <sub>4</sub> <sup>-</sup>	5	50	ppm
C	Iron	Fe	I. L.	3	ppm
C	Density at 20°C			0,800	Kg/l
<b>GRAIN SIZE</b>		<b>MIN</b>	<b>MAX</b>	<b>ASTM-E-11-61</b>	
C	<b>OVER</b>	<b>0,100 mm</b>	<b>20 %</b>	<b>=</b>	

Values A = Analysis certificate emission.

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

### OTHER CHARACTERISTICS OF THE PRODUCT

#### EUROPEAN PHARMA COEIA 8th EDITHION

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:

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

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