



PRODUCT SPECIFICATION

SP-04-D1

Rev.01 by 04.01.2024

Written LAB

Verified SG-RPA: *Alvares Beladon*Approved RESP.LAB *Carli G. Soares*

POTASSIUM CARBONATE MICRO POWDER

FORMULA	K ₂ CO ₃
MOLECULAR WEIGHT	138,21
C.A.S. NUMBER	584-08-7
REGISTRATION REACH NUMBER	01-2119532646-36-0010

TYPE ANALYTICAL	CHEMICAL ANALISYS	AS	MIN.	MAX.	UNIT
A	Alkalinity	K ₂ CO ₃	99,5		% peso
C	Potash	KOH		0,2	% peso
C	Sodium	Na		0,5	% peso
C	Miosture	H ₂ O		0,5	% peso
A	Chloride	Cl-		30	ppm
C	Iron	Fe		2	ppm
C	Water insolubles			100	ppm
C	Density at 20 °C		0,800		Kg/l

GRAIN SIZE		MIN	MAX	
C	OVER 0,100 mm		20 %	ASTM-E-11-61



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Verified SG-RPA: *Alvina J. Baladon*

Approved RESP.LAB *Giulia Grassano*

TYPE ANALYTICAL	CHEMICAL ANALISYS	AS	MIN.	MAX.	UNIT
A	Assay				
A	Potash				
C	Carbonate				
C	Sodium				
A	Chloride				
C	Sulphate				
A	Alkalinity				
C	APHA colour				
C	Water insolubles				
C	Density at 20°C				
A	Appearance				
HEAVY METALS					
C	Alluminium	Al			
C	Antimony	Sb			
C	Arsenic	As			
C	Barium	Ba			
C	Cadmium	Cd			
C	Cromium	Cr			
C	Cobalt	Co			
C	Cupper	Cu			
C	Fluorine	F			
C	Iron	Fe			
C	Lead	Pb			
C	Mercury	Hg			
C	Nichel	Ni			
C	Selenium	Se			
C	Zinc	Zn			
C	Total Nitrogen	N ₂			

A = Analysis certificate emission

C = Conformity decleration

Altair Chemical S.r.l. guarantees that the product meets the technical specification as per the revision in force at the production date.

Altair Chemical S.r.l. doesn't afford any implicit or explicit guarantee concerning the application of the product alone, or in combination with other products.

Altair Chemical S.r.l. doesn't bear any responsibility coming from the use of the product.

Altair Chemical S.r.l. advises in any case the use of the product in agreement with the information given in the MSDS.

For any non-conformity claim with reference to specification, after the written acceptance of the claim by Altair Chemical S.r.l. the guarantee covers only:

- the replacement of the claimed quantity of product without any penalty;
- or, if agreed on, the collection of the claimed material with refunding of the sole invoice value corresponding to that quantity.



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Verified SG-RPA: *Chiara Ghelardini*

Approved RESP.LAB *Giulia Giannoni*

ADDITIONAL REQUIREMENTS

1. UNI EN ISO 9001:2015
2. FSSC 22000 v.5.1 cat.K - GFSI recognised
3. GMP+ cat.B2
4. Kosher
5. Halal
6. Ecovadis
7. UNI EN ISO 14001:2015
8. EMAS Regolamento (CE) n. 1221:2009,
9. UNI CEI EN ISO 50001:2018
10. UNI ISO 45001:2018
11. SGS-PIR D.lgs.105/2015

➔ see our website to download the updated certificate

Chiara Ghelardini
Management System Manager
HACCP Manager

Laboratory Manager
REACH Manager
Giulia Giannoni

Chiara Ghelardini *Giulia Giannoni*

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