



POTASSIUM CARBONATE E501 (i)
“FOOD GRADE”

In accordance with the last Food Chemicals Codex edition

FORMULA	K₂CO₃
MOLECULAR WEIGHT	138,21
C.A.S. NUMBER	584-08-7
REFERENCE NUMBER CUSTOMER	202071/ 10037104000

STATUS	CHEMICAL ANALYSIS	AS	MIN.	MAX.	UNIT
A	Alkalinity	K ₂ CO ₃	99,5		% peso
C	Potash	KOH		0,2	% peso
C	Sodium carbonate	Na ₂ CO ₃		1,15	% peso
C	Water insolubles			No residue	
C	Miosture	H ₂ O		0,5	% peso
C	Loss on drying (180 °C 4 h)			0,5	% peso
C	Potassium chlorate	KClO ₃		0,03	% peso
A	Chloride	Cl ⁻		30	ppm
C	Sulfates	SO ₄ ⁻		50	ppm
C	Calcium	Ca		100	ppm
C	Iron	Fe		2	ppm
C	Lead	Pb		0,5	ppm
C	Arsenic	As		0,5	ppm
C	Mercury	Hg		Abs.	ppm
C	Cynides	CN		0,5	ppm
C	Heavy metals	Cr-Ni-Cd-etc.		3	ppm
C	Density at 20 °C			1,300	Kg/l
C	Identification carbonate			Pass	
C	Identification potassium			Pass	

GRAIN SIZE

TYPE	Over	Min	Max	
Dust free	2,000 mm		12 %	ASTM-E-11-61
	0,841 mm	95 %		“
	0,297 mm	99 %		“
Standard	1,190 mm		1 %	“
	0,297 mm	80 %		“
Powder	0,500 mm		0,5 %	“
	0,149 mm		80 %	“

A = Analysis certificate emission C = Conformity declaration

Altair Chimica S.p.A. guarantees that the product meets the technical specification as per the revision in force at the production date.
Altair Chimica S.p.A. doesn't afford any implicit or explicit guarantee concerning the application of the product alone, or in combination with other products.

Altair Chimica S.p.A. doesn't bear any responsibility coming from the use of the product.

Altair Chimica S.p.A. 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 Chimica SpA, 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