



Potassium Chloride

1. PRODUCT IDENTIFICATION

Supplier product name: POTASSIUM CHLORIDE +AC FCC E508
Origin: Mineral
Country: Germany

1.1 Composition

Single ingredient

Chemical name: Potassium Chloride
Chemical formula: KCl
Molecular weight: 74,5513

1.2 Legislative information

CAS-Nº: 7447-40-7
INTRASTAT CODE: 310420
EINECS: 231-211-8
Legal declaration: E508

2. PRODUCT INFORMATION

	Unit	Specification	Method
2.1 Physical and Chemical properties			
Appearance:		Crystals	
Colour:		White	
Odour/taste:		Odourless	
Assay:	wt%	≤ 99,1	E508
Assay (K):	wt%	≈ 51,97 (typical value)	
Assay (Cl):	wt%	≈ 47,13 (typical value)	
Loss on drying:	wt%	≈ 0,1 (typical value)	2 h, 105 °C
Density:	g/cm ³	1,100	
Melting/solidification point:	°C	771	
Solubility in water (at 20 °C):	wt%	25,5 (typical value)	
Anti-caking agent (Magnesium hydroxide carbonate)	wt%	≈ 1 (typical value)	
Sieve analysis: Through 0,8 mm	%	≈ 99 (typical value)	

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2.2 Microbiological data

Total plate count:	cfu/g	≤ 1	
Yeasts and moulds:	cfu/g	≤ 1	
Salmonella:		Absent	

2.3 Contaminants (Food EC-Regulation 1881/2006)

2.3.1 Chemical contaminants

Na:	wt%	≈ 0,2 (typical value)	
Mg:	ppm	≈ 100 (typical value)	
SO ₄ :	ppm	≈ 100 (typical value)	
Ca:	ppm	≈ 10 (typical value)	
Loss on drying:	%	≤ 1	E508
As:	ppm	≤ 3	E508
Pb:	ppm	≤ 2	E508
Hg:	ppm	≤ 1	E508
Cd:	ppm	≤ 1	E508

2.3.2 Physical contaminants

Foreign body control: N

2.4 Nutritional Information (Directive 90/496/EC)

2.4.1 Nutritional Values

Energy:	kJ/100g	-
Energy:	kcal/100g	-
Protein:	g/100g	0
Carbohydrate:	g/100g	0
- Of which Sugars	g/100g	0
- Polyols	g/100g	0
- Starches	g/100g	0
- Others	g/100g	0
Fat:	g/100g	0
- Of which Saturated:	g/100g	0
- Mono-unsaturated:	g/100g	0
- Poly-unsaturated:	g/100g	0
- Transfatty acids:	g/100g	0
- Cholesterol:	mg/100g	0
Water:	g/100g	≈ 0,1 (typical value)
Organic acid:	g/100g	-

2.4.2 Minerals

Sodium:	mg/100g	≈ 200 (typical value)
Calcium:	mg/100g	-
Magnesium:	mg/100g	≈ 10 (typical value)
Potassium:	mg/100g	≈ 51970 (typical value)
Ferrous:	mg/100g	-
Zinc:	mg/100g	-
Copper:	mg/100g	-
Aluminium:	mg/100g	-
Others:	mg/100g	-

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3. FOOD INTOLERANCES

3.1 Allergens (Directives 2003/89/CE & 2005/26/CE & 2006/142/EC & 2007/68/EC)

	Y/N	Direct Contamination	Cross-Contamination (Risk)
- Barley:	N	N	N
- Beef:	N	N	N
- Cacao:	N	N	N
- Carrot:	N	N	N
- Celery and celery products:	N	N	N
- Cereals containing gluten and products produced with these (wheat, rye, oats, spelt, barley):	N	N	N
- Chicken:	N	N	N
- Coriander:	N	N	N
- Crustaceans and Shellfish:	N	N	N
- Eggs and egg products:	N	N	N
- Fish and fish products:	N	N	N
- Glutamate:	N	N	N
- Lupin and products thereof:	N	N	N
- Milk and milk products (incl. Lactose):	N	N	N
- Molluscs and products thereof:	N	N	N
- Mustard and mustard products:	N	N	N
- Nuts and nut products (almonds, hazelnuts, walnuts):	N	N	N
- Peanuts and peanut products:	N	N	N
- Pork:	N	N	N
- Sesame and sesame products:	N	N	N
- Soybean and soybean products:	N	N	N
- Sulphite (E221 - E228):	N	N	N
- Sulphur dioxide (> 10 mg/kg):	N	N	N

3.2 Suitability for other diets

Vegetarian:	Y
Vegans:	Y
Kosher:	Y
Halal:	Y
Lactose intolerant:	Y
Coeliacs:	Y

3.3 GMO Declaration, acc. Regulations 298/2008/EC and 1830/2003/EC

NON GMO:	Y
GMO declaration needed:	N

3.4 Irradiation, acc. Directive 1999/2/EC and 1999/3/EC

Ionizing radiation:	N
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3.5 BSE/TSE Declaration

Animal Origin:	N
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3.6 Regulatory information

The product complies with:

EC Regulation 231/2012/EC on food additives listed in Annexes II and III (See E508: Potassium Chloride)

EC Regulation n° 1019/2008 on hygienic requirements for the manufacturing of raw materials in the food industry

EC Regulation n° 1831/2003 on additives for use in animal nutrition

EC Directive 2002/32/EC on undesirable substances in animal feed

4. PACKAGING

Packaging description: Bags
Packaging net content: 100g - 1kg

5. STORAGE CONDITIONS

Heated storage	No		from +40°C to 60°C
Ambient storage	Yes		from +5°C to 25°C
Chilled storage	No		from 0°C to 4°C
Frozen storage	No		from -22°C to -18°C
Conditioned storage	°C	Roomtemperature	
Storage conditions		In closed original	Well closed in a dry packaging and cool place without direct sunlight. Product is very hygroscopic.
Shelf life (recommended re-analysis):	months after production	120 months if kept properly	under the above mentioned conditions

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