

PRODUCT SPECIFICATION – FOOD INGREDIENTS

POTASSIUM SULPHATE CRYSTALS (E515) PHARM.

Labshop | Chemicals
Restoration
Art Supplies

1. PRODUCT IDENTIFICATION

Supplier product name	POTASSIUM SULPHATE CRYSTALS (E515) PHARM.		
Supplier product number	15216	Date of issue: 16/06/2020	Replaces: 19/09/2018
Origin	Mineral		
Manufacturer	Several		
Country	Several		
Certification manufacturer:	HACCP, ISO 9001, ISO 14001		

1.1 Composition

Single ingredient	
Chemical name	Potassium sulphate
Chemical formula	K ₂ SO ₄
Molecular weight	174.259

1.2 Legislative information

CAS-N ^o	7778-80-5
INTRASTAT CODE	3104300000
EINECS	231-915-5
Legal declaration	E515 (i)

2. PRODUCT INFORMATION

	Unit	Specification	Method
2.1 Physical and Chemical properties			
Appearance		Crystalline powder or crystals	
Colour		White	
Odour/taste		Odourless	
Assay	wt%	99,0 – 100,5	
Acidity or alkalinity		max. 0,5	
pH (5%)		5,5 – 8,5	
Loss on drying	%	max. 1,0	
Density (20°C)	g/cm ³	approx. 2,662	
Bulk density	kg/m ³	approx. 1400	

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2.2 Microbiological data

N.A.

2.3 Contaminants

2.3.1 Chemical contaminants

Sodium (Na)	ppm	max. 1000	
Magnesium (Mg)	ppm	max. 20	
Iron (Fe)	ppm	max. 10	
Chloride (Cl)	ppm	max. 40	
Calcium (Ca)	ppm	max. 200	
Selenium (Se)	ppm	max. 5	
Heavy Metals (as Pb)	ppm	max. 20	
Mercury (Hg)	ppm	max. 1	
Lead (Pb)	ppm	max. 2	
Arsenic (As)	ppm	max. 3	

2.3.2 Physical contaminants

Foreign body control	Sieve		
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2.4 Nutritional Information (Directive 90/496/EC, amended by 2003/120/EC and 2008/100/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	

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Transfatty acids	g/100g	0	
Cholesterol	mg/100g	0	
Water	g/100g	-	
Organic acid	g/100g	-	

2.4.2 Minerals

Potassium	mg/100g	44800	
Magnesium	mg/100g	1	
Chloride	mg/100g	2	
Copper	mg/100g		
Phosphorus	mg/100g		
Others:	mg/100g	-	

3. FOOD INTOLERANCES

3.1 Allergens (Directives 2000/13/EC, 2003/89/CE 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

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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

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

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

POTASSIUM SULPHATE CRYSTALS (E515) PHAM. does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product comes into contact with genetically modified organisms.

POTASSIUM SULPHATE CRYSTALS (E515) PHAM. is falling under the scope of the EC Regulation n° 1829/2003 on genetically modified food and feed and the EC Regulation n° 1830/2003 on the traceability and labeling of genetically modified organisms and the traceability of products derived from them and to modification of Directive 2001/18/EC.

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

This product was not subject to any kind of irradiation treatment

3.5 BSE/TSE Declaration

The used ingredients for POTASSIUM SULPHATE CRYSTALS (E515) PHAM. are not of animal origin. The processing equipment and the packing material which is used to manufacture, pack or fill the products into the packing units do not come into contact with any meat or meat by- product.

3.6 Residual Solvents, complies with

For the manufacturing of the product, no solvents are used. This product is in compliance with the Guideline CPMP/ICH/283/95 and chapter <467> of the current edition of the USP-NF for residual solvents.

3.7 Regulatory information

The product complies with:

Ph. Eur., FCC

EC Regulation 231/2012/EC on food additives listed in Annexes II and III (Potassium sulphate).

EC Regulation n° 1881/2006 setting maximum levels for certain contaminants in foodstuffs.

The production plant complies with:

EC Regulation n° 852/2004 on hygienic requirements for the manufacturing of raw materials in the food industry.

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4. PACKAGING

Packaging description	Bags
Packaging net content	25 kg
Different packagings on request	Yes
Paletisation	1000 kg

5. STORAGE CONDITIONS

Storage conditions	Must be kept in a cool, dry and well ventilated environment, in closed original packaging
Shelf life (recommended re-analysis)	60 months after production, under the above mentioned conditions

6. DISCLAIMER

The content of the Product Specification Sheet is completed to the best of our knowledge.
This document does not dismiss the user of his legal obligation with respect to food safety.

