

Calcium chloride pellets 95 % min Anhydrous CaCl₂

Zirax Fudix™ calcium chloride anhydrous 95-98% pellets for food processing is produced in accordance with Zirax corporate production standard STO 39297743-05-2009, which has been developed to correspond to both Russian and international standards for food additive E-509.

EC CLASSIFICATION: CAS № 10043-52-4 EC № 233-140-8

Halal and Kosher certification, ISO 22000:2018.

Trade name: Fudix

TDS issuing date: 10.01.2024

CHEMICAL PROPERTIES

Parameter	UOM	Guaranteed
Fraction of calcium chloride total mass (CaCl ₂)	%, min	95
Fraction of magnesium total mass, calculated on MgCl ₂	%, max	0,5
Magnesium and alkali salts, including MgCL, recalculated to sulphates	%, max	5
Fraction of insoluble in water residual total mass	%, max	0,2
Fraction of sulphates, recalculated to sulphate -ion	%, max	0,05
Iron total mass (Fe)	%, max	0,004
Fraction of total mass (K+Na)	%, max	0,5
Fluoride	mg/kg	<40
Arsenic	mg/kg	<3
Lead	mg/kg	<2
Mercury	mg/kg	<1

PHYSICAL PROPERTIES

Appearance	White pellets without odor
Molecular weight	110.99
Pellets grain size classification	5 – 10 mm – 10% maximum 1.25 – 5.0 mm – 75% minimum < 1.25 mm – 15% maximum

Product application

Fudix™ calcium chloride has versatile range of application in food industry globally, including:

- Cheese and curd production for speeding the process of coagulation
- H regulation in brewing industry
- Fruits and vegetables processing and preservation
- Meat tenderization and freezing point decreasing

- Ice cream production
- Jelly and jam production, etc.

Fudix™ calcium chloride has diverse range of properties for food industry, including:

- Preservative
- Hardener
- Coagulant
- Calcium source
- pH controller, etc.

Shelf life period: 24 months. After this period is expired it can be prolonged for the same period as to results of laboratory tests.

Store in a cool, dry, well-ventilated warehouses. Keep away from incompatible materials. Can be stored on open grounds in bags on wooden pallets, covered by fabric.