



## TECHNICAL AND FOOD COMMON ROCK SALT

### Composition and properties of salt

#### 1. Ionic composition

Ion type	Actual quantity, %	Quantity according to GOST 13830-97 (for the first grade) %	Quantity according to GOST 13830-97 (for the extra grade) %
Sodium	38,69	not regulated	not regulated
Chloride	59,72	not regulated	not regulated
Calcium	0,31	max. 0,55	max. 0,35
Potassium	0,012	max. 0,20	max. 0,10
Magnesium	0,03	max. 0,10	max. 0,08
Sulphate	0,80	max. 1,20	max. 0,85

#### 2. Saline composition

Name	Mass part, %	Mass part according to GOST 13830-97, (for the first grade) %	Mass part according to GOST 13830-97, (for the extra grade) %
Sodium chloride	98,36	min. 97,5	min. 98,2
Sodium sulphate	0,118	not regulated	not regulated
Calcium sulphate	1,04	not regulated	not regulated
Magnesium sulphate	0,08	not regulated	not regulated
Ferric oxide (III)	0.0027	max. 0,04	max. 0,04
Water-insoluble substances	0,256	max. 0,45	max. 0,25
Mass part of moisture	0,1	max. 0,25	max. 0,25

### 3. Granulometric composition

#### Crushed salt

Size		Hopma
Milling 0 < 0.8 mm inclusive > 1.2 mm	% , min. % , max.	70,0 10,0
Milling 1 < 1 . 2 mm inclusive > 2 . 5 mm	% , min. % , max.	85,0 3,0
Milling 2 < 2 . 5 mm inclusive > 4 . 0 mm	% , min. % , max.	90,0 5,0
Milling 3 < 4 . 0 mm inclusive > 4 . 0 mm	% , min. % , max.	85,0 15,0

### 4. Maximum permissible level of toxic substances

Name	Standard	Maximum permissible values as per GOST, mg/kg	Actual quantity , mg / kg
Lead	GOST 26932	2,0	0,56
Copper	GOST 26931	3,0	0,37
Cadmium	GOST 26933	0,1	0,027
Arsenic	GOST 26930	1,0	0,12
Mercury	GOST 26927	0,01	0,0069
Zinc	GOST 26934	10,0	1,3