

Technical Data Sheet

Potassium Chloride Food Grade with A.C.A $\text{Na}_4\text{Fe}(\text{CN})_6$ conform F.C.C

Chemical Analysis

(KCl) (%)
Sodium as Na
Calcium as Ca
Magnesium Mg
Water (H_2O)
Iodide and/or Bromide (FCC)
Bromides as Br-
Insoluble
Arsenic as As *
Cadmium as Cd *
Lead as Pb *
Mercury as Hg *
Heavy Metals**
Acidity or Alkalinity (FCC)
pH
Anti-Caking Agent as $\text{Na}_4\text{Fe}(\text{CN})_6$

Specification

99.3 % min
250 ppm max
5 ppm max
20 ppm max
0.2% max
Pass test
600 ppm max
0.005% max
0.5 ppm max
0.5 ppm max
0.5 ppm max
0.1 ppm max
5 ppm max
Pass test
5.5-8.5
5-13 ppm max

Typical Value

99.5%
150 ppm
3 ppm
15 ppm
0.05%

500 ppm
0.003%
<0.1 ppm
<0.1 ppm
<0.3 ppm
< 0.1 ppm
< 5 ppm

7

Physical Properties

Particle size:
Residue on 28 mesh (0.6 mm) 0.5 max
Residue on 100 mesh (0.15 mm) 95 min

Specification

*Based on annual typical analysis.

**Heavy Metals: Ag, As, Bi, Cd, Cu, Hg, Pb, Sb, Sn, Mo

Appearance: White Powder.

Shelf-life: 3 years from production date.

Storage Condition: to be stored in a cool and dry place.

Packaging is tightly sealed product should remain in good condition

SP 69.01.07 Edition 8



Dead Sea Works Ltd.

P.O Box 75 Beer - Sheva 8410101 Israel

Tel: +972-73-3734655

ICL Specialty Minerals

www.icl-group.com

info@icl-group.com

Technical Data Sheet

Potassium Chloride food grade with A.C.A TCP conform F.C.C

Chemical Analysis

	<u>Specification</u>	<u>Typical Value</u>
(KCl) (%)	98.0 % min	99.0%
Sodium as Na	250 ppm max	150 ppm
Calcium as Ca	4500 ppm max	3000 ppm
Magnesium as Mg	40 ppm max	25 ppm
Loss of drying as H ₂ O	0.25% max	0.2%
Bromides as Br	750 ppm max	500 ppm
Insoluble	1.5% max	1.0%
Arsenic as As *	0.5 ppm max	<0.1 ppm
Cadmium as Cd *	0.5 ppm max	<0.1 ppm
Lead as Pb *	0.5 ppm max	<0.3 ppm
Mercury as Hg *	0.1 ppm max	< 0.1 ppm
Heavy Metals**	5 ppm max	< 5 ppm
pH	7.5-9.5	8.5
Anti-Caking Agent as TCP	0.5-1.0% max	0.8%

Physical Properties

	<u>Specification</u>
Particle size:	
Residue on 28 mesh (0.6 mm)	0.5 max
Residue on 100 mesh (0.15 mm)	95 min

*Based on annual typical analysis.

**Heavy Metals: Ag, As, Bi, Cd, Cu, Hg, Pb, Sb, Sn, Mo

Appearance: White Powder.

Shelf-life: 3 years from production date.

Storage Condition: to be stored in a cool and dry place.

Packaging is tightly sealed product should remain in good condition

SP 69.01.44 Edition 5



Dead Sea Works Ltd.

P.O Box 75 Beer - Sheva 8410101 Israel

Tel: +972-73-3734655

ICL Specialty Minerals

www.icl-group.com

info@icl-group.com