



Specifications of Potassium Chloride (KCL)

White Standard Technical MOP, dust-free

Particle Size Distribution:		
mm	Cumulative % by weight	
	Guarantee, %	Typical, %
-2 (<2)	no less 90,0	98-99
+2(>2)		0.3-1
+1 (> 1)		11-24
+0,5(0,5-1)		40-48
+0,25(0,25-0,5)		22-27
+0.1 (0, 1-0,25)		8-16
0.1 (<0,1)	no more 3,0	1-3

Chemical Analysis:			
Component	Symbol	Unit	Guarantee
Mass fraction of Potassium chloride in terms of K ₂ O	K ₂ O	%	no less 62,00
Mass fraction of Potassium Chloride	KCL	%	no less 98,0
Water mass content	H ₂ O	%	no more 0,50
Mass fraction of Zinc	Zn	mg/kg(ppm)	no more 23,0
Mass fraction of Mercury	Hg	mg/kg(ppm)	no more 2,1
Mass fraction of Lead	Pb	mg/kg(ppm)	no more 32,0
Mass fraction of Arsenic	As	mg/kg(ppm)	no more 2,0
Mass fraction of Cadmium	Cd	mg/kg(ppm)	no more 0,5
Mass fraction of Sodium Chloride	NaCl	%	no more 1,30
Mass fraction of Sum of Magnesium and Calcium	Mg++ Ca++	%	no more 0,10
Mass fraction of Sulfate	SO ₄	%	no more 0,05
Insoluble in water		%	no more 0,20

Physical Properties:		
	Unit	Range
Bulk density	ton/m ³	1,11 -1,15
Bulk density (packed)	ton/m ³	1,18 -1,22
Angle of repose	degrees	24-29
Color		white / grey color tone

The product can be treated with antidust and anticaking agents.