



Product Name : Magnesium Chloride Hexahydrate Flake
Product Code : MC-
Origin: Dead Sea Works, Israel
Grade: Cosmetic

Description

White Flakes (Hygroscopic substance)

Chemical Formula

MgCl₂.6H₂O

Typical Chemical Analysis

Parameter	Units	Limit	Result
Magnesium Chloride (MgCl ₂)	% w/w	min	46.5
Calcium Chloride (CaCl ₂)	% w/w	max	2.2
Sodium Chloride (NaCl)	% w/w	max	0.9
Potassium Chloride (KCl)	% w/w	max	0.6
Iron (Fe)	ppm	max	10
Zinc (Z)	ppm	max	0.5
Arsenic (As)	ppm	max	0.1
Heavy Metals (as Pb, Mg)	ppm	max	0.1
Cadmium (Cd)	ppm	max	0.01
Moisture (H ₂ O)	Balance to 100%		

Chemical & Physical Properties

pH (aqueous solution 10%)	pH	8.7
Density	kg/m ³	600-800