

## Hydrosoft Granular Salt

Hydrosoft Granular salt is the ideal regenerant for water softeners. The large crystalline beads are easily dispersed and rapidly dissolve. The unique manufacturing process of achieves food-grade purity and absence of mushing problems. Product quality is assured by a Quality management system registered to ISO 9001, a manufacturing process certificated to the BRC Global Standard for Food Safety and a commitment to continuous improvement.

### Chemical Specification

Test methods used are given in BS998:1990 or equivalent, except appearance which is a visual assessment.

Property	Unit	Specification	Typical Analysis
Appearance		White Crystalline	
Assay (dry basis)	%m/m NaCl	≥99.9	>99.9
Surface Moisture	%m/m H <sub>2</sub> O	<1.0	0.16
Insoluble matter	Mg/kg	<50	<10
Alkalinity	Mg/kg NaCO <sub>3</sub>	<100	60
Sulphate	Mg/kg Na <sub>2</sub> SO <sub>4</sub>	<300	160
E535, Sodium Hexacyanoferrate II	mg/kg Na <sub>4</sub> Fe(CN) <sub>6</sub>	14 max	6.5
Total Iron	Mg/kg Fe	<5	1.4
Total Calcium	Mg/kg Ca	<5	0.7
Total Magnesium	Mg/kg Mg	<2	0.9
Total Copper	Mg/kg Cu	2 max	<0.1
Total Arsenic	Mg/kg As	0.3 max	<0.01
Total Lead	Mg/kg Pb	1 max	<0.1
Total Cadmium	Mg/kg Cd	0.2 max	<0.01
Total Mercury	Mg/kg Hg	0.05 max	<0.03
Total Nickel	Mg/kg Ni	0.75 max	<0.05
Total Chromium	Mg/kg Cr	0.75 max	<0.03
Total Selenium	Mg/kg Se	2.6 max	<0.2
Total Antimony	Mg/kg Sb	2.6 max	<0.2
Total Bromide	Mg/kg Br	<50	32

### Physical Characteristics

Typical Sieve Analysis	% through Sieve
3.35mm	99.7
1.7mm	56.1
0.6mm	1.8

Note that the specification for passing 0.6mm sieve is 10% maximum