

## SALT TECHNICAL DATA SPECIFICATION

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### '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 INEOS Enterprises achieves food-grade purity and absence of mushing problems. The specification 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 as given in BS998:1990 or equivalent, except appearance which is a visual assessment.

COMPONENT	UNIT	SPECIFICATION	TYPICAL ANALYSIS
Appearance		White Crystalline	
Assay (dry basis)	%m/m NaCl	99.9 min.	99.9
Surface Moisture	%m/m H <sub>2</sub> O	<1.0	0.15
Insoluble matter	mg/kg	<50	<10
Alkalinity	mg/kg Na <sub>2</sub> CO <sub>3</sub>	<100	52
Sulphate	mg/kg Na <sub>2</sub> SO <sub>4</sub>	<300	135
E535, Sodium Hexacyanoferrate II	mg/kg Na <sub>4</sub> Fe(CN) <sub>6</sub>	14 max.	6.6
Total Iron	mg/kg Fe	<5	1.4
Total Calcium	mg/kg Ca	<5	0.5
Total Magnesium	mg/kg Mg	<2	0.7
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	31

### PHYSICAL CHARACTERISTICS

Typical Sieve Analysis

3.35mm

1.7mm

0.6mm

% Through Sieve

99.4

51.5

1.2

*P. Cowley*

P Cowley

Quality & Analysis Manager

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

**Important Note:** The information contained in this document is given in good faith and is to the best of INEOS' knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purposes.

**INEOS Enterprises - Salt Business**

Enterprise House, South Parade, PO Box 9, Runcorn, Cheshire, WA7 4JE

Tel +44 (0) 845 6030 444 Fax +44 (0) 1928 572261