

**East Lancashire Chemical Company Ltd.**

**Raw Material Specification (RMS.SO.1)**

**Title: Soda Crystals (Sodium Carbonate Decahydrate)**

**Issue: 1**

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**CHEMICAL COMPOSITION**

Sodium Carbonate	36.0% min 37.2% max	
Total water	64.0% max	
Iron as Fe	15mg/kg	Typical analysis < 5mg/kg
Anti-Caking Agent (insoluble)	1%	
Other	<0.1%	

**PHYSICAL PROPERTIES**

Description	White odourless crystal. Forms cloudy solution	
Melting point	32.5 – 34.5 degrees C	
Sieve analysis	Greater than 1000 micron	1%
	Greater than 710 micron	5%
	Greater than 500 micron	20%
	Greater than 355 micron	40%
	Greater than 212 micron	70%
	Greater than 106 micron	99%
	Less than 106 micron	1%

Shelf Life (unopened) 2 years from date of manufacture

**NOT TO BE USED IN FOOD PREPERATIONS**

Approved: F GUFFOGG

Date: Revision 2. June 2017