Technical Data Sheet

Item Name:

SCD

PRODUCT INFORMATION

Chinese Name:	柠檬酸钠
Commodity Name:	SCD
Chemical Name:	Sodium Citrate Dihydrate
Other Name:	Citric Acid Trisodium Salt Dihydrate
CAS No.:	6132-04-3
Molecular Weight:	294.1
Molecular Formula:	$C_6H_5Na_3O_7.2H_2O$

PRODUCT DESCRIPTION

Big solubility in water, alcohol and ether; Water softening ability, it can combine the Ca^{2+} and other metal ions (except for alkali metal), and for the compounds (like Calcium citrate), their solubility in cold water is higher than hot water, which is a big advantage in detergent industry; pH buffering ability; Low toxic.

TECHNICAL SPECIFICATION

Index	BP 98
Appearance	White crystalline powder
Assay by wt %	99.0 - 101.0
Identification test	Pass
Clarity and color test of solution	Pass
Readily carbonized substances test	Pass
Acidity or alkalinity test	Pass
Arsenic by ppm	1 max
Lead (Pb) by ppm	1 max
Chlorides by ppm	50 max
Sulphates by ppm	150 max
Oxalates by ppm	100 max
Heavy metal by ppm	5 max
Mercury by ppm	1 max
Water content by wt %	11 - 13
pH (5% water solu.)	7.0 - 9.0

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner
Loading: 25mt/20'fcl for 25kg bags only; 21mt/20'fcl for 25kg bags on pallets
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.