



MACCO ORGANIQUES INC.

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THE MANUFACTURING PROCESS OF THE PRODUCT BELOW IS COVERED BY A REGISTERED ISO-9001 : 2000 QUALITY SYSTEM (SGS CA 98/1177)

Date: October 27th, 2004

Supersedes: March 30th, 2004

CAS # : 10035-04-8

Ref # : S15184-A2

CALCIUM CHLORIDE DIH -USP FOR HEMODIALYSIS

CaCl₂.2H₂O

Mol. Weight: 147.01

DESCRIPTION

White, odorless, granular product. It is deliquescent.

SPECIFICATIONS

Identification	:	Positive
Solution	:	Clear
pH (1:20)	:	4.5 - 9.2
Assay (as CaCl ₂ .2H ₂ O)	:	99.0% - 107.0%
Heavy Metals (as Pb)	:	0.001% Max.
Fe, Al, Phosphate	:	To pass test
Mg and Alkali Salts	:	1.0% Max.
Aluminium	:	1 µg/g Max.

This material conforms to the USP limits for organic volatile impurities. We acknowledge that the manufacturing process indicates none of the subject organic volatile impurities could be present.

TYPICAL PARTICLE SIZE

On 2000 µm (US std mesh #10)	:	Nil
On 850 µm (US std mesh #20)	:	0.5 - 1%
On 600 µm (US std mesh #30)	:	0.5 - 1.5%
On 425 µm (US std mesh #40)	:	4 - 6%
On 300 µm (US std mesh #50)	:	15 - 20%
On 250 µm (US std mesh #60)	:	0.5 - 4%
On 180 µm (US std mesh #80)	:	25 - 35%
Thru 180 µm (US std mesh #80)	:	35 - 45%

PACKAGING AND STORAGE

25 kg, 50 kg or 136 kg fiber drum.

Store in tight containers. Recommended storage conditions : a cool and dry place.
Recommended maximum storage time : 2 years.

Conforms to United States Pharmacopeia specifications.

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