MICRONIZED CREAPURE™ (Creatine Monohydrate)

Characteristics:

CREAPURE™ is a fine, colorless, odorless powder derived from chemical synthesis.

Composition:

Ultra pure micronized Creatine Monohydrate (Creatine Monohydrate) contains the theoretical amount of 12.1% water of crystallization, produced under a patent-protected manufacturing process.

Formula	$C_4H_9N_3O_2 \cdot H_2O$
CAS-No.	6020-87-7
Molecular weight	149.1 g/mol
Status (Listing refers to creatine anhydrous CAS-Nr. 57-00-1)	
EINECS (EU)	200-306-6
MITI (Japan)	2-3146
ECL (Korea)	KE-24130
TSCA	Exempt: Regulated as Dietary Supplement[1]

Specification:

Creatine Monohydrate	min. 99.95 %	(typically 99.99 %)
Creatinine	max. 100 ppm	(typically < 67 ppm)
Dicyandiamide	max. 50 ppm	(typically < 20 ppm)
Dihydrotriazine	not detectable	
Moisture	max. 12.5 %	(typically max. 12 %)

Regular Control:

Heavy metals		
Hg	max. 0.1 ppm	(typically < 0.01 ppm)
Cd	max. 0.1 ppm	(typically < 0.01 ppm)
Pb	max. 0.1 ppm	(typically < 0.05 ppm)
As	max. 0.1 ppm	(typically < 0.01 ppm)

[1] Anyhdrous creatine is TSCA listed

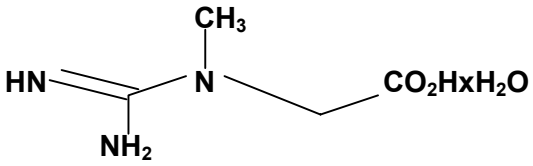
Degussa Corporation, Building Blocks, 379 Interpace Parkway, Parsippany, NJ 07054-0677, USA,
Phone: 1-877-202-3463, Telefax: 1-973-541-8161

Microbiological data			
total plate count	max.	1000	/ g
yeasts	max.	50	/ g
moulds	max.	50	/ g
coliforms		negative	/ g
e-coli		negative	/ g
staphylococcus aureus		negative	/ g
salmonellae		negative	/ 25 g

Physico-Chemical Properties:

Consistency: fine powder
Bulk density: app. 690 g/l

Chemical Structure:



Storgage Conditions / Keeping Quality:

Micronized CREAPURE™ should be stored dry at cool to room temperature.

The shelf life of micronized CREAPURE™ is min. 36 months from the date of manufacture, in the original unopened container, under the suggested storage conditions.

Packaging:

Cardboard boxes with inner PE bag containing 25 kg net.

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