

TECHNICAL DATA SHEET

Creapure® - The ultimate creatine

CHARACTERISTICS: Creapure® is a fine, colorless, odorless powder derived from chemical synthesis.

COMPOSITION: Ultrapure creatine monohydrate

Formula	C ₄ H ₉ N ₃ O ₂ · H ₂ O
CAS-No.	6020-87-7
Molecular weight	149.1 g/mol
Status	(Listing refers to creatine anhydrous CAS-No. 57-00-1)
EINECS (EU)	200-306-6
MITI (Japan)	2-3146
ECL (Korea)	KE-24130
TSCA (USA)	listed as dietary supplement

SPECIFICATION:	Creatine Monohydrate	≥ 99.9 %
	Creatinine	≤ 100 mg/kg
	Dicyandiamide	≤ 50 mg/kg
	Dihydrotriazine	≤ 3 mg/kg

REGULAR CONTROL:	<u>Heavy metals</u>	
	Hg	≤ 0.10 mg/kg
	Cd	≤ 0.1 mg/kg
	Pb	≤ 0.1 mg/kg
	As	≤ 0.1 mg/kg

Microbiological data

Total Aerobic Plate Count	≤	1000 cfu / g
Moulds and Yeasts	≤	50 cfu / g
Coliform bacteria	negative	/ g
E. coli	negative	/ g
Staphylococcus aureus	negative	/ g
Salmonella sp.	negative	/ 25 g

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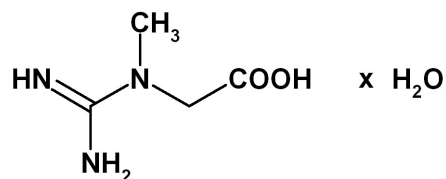
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Edition: February 2020 (Provided that a new edition is published this data sheet loses its validity)

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PROPERTIES:
(physico-chemical)

Consistency: fine powder
Bulk density: app. 690 g/l
Particle size distribution: typically 98 % < 500 µm

**CHEMICAL
STRUCTURE:****STORAGE
CONDITIONS:**
(keeping quality)

Creapure® should be stored dry at cool to room temperature.
The shelf life of 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.