

TECHNICAL DATA SHEET

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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 |

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Edition: 01/2023 (This data sheet supersedes all previous data sheets for this product)

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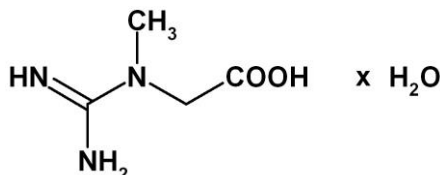
Microbiological data

| | | |
|---------------------------|----------|--------------|
| 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 |

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.

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