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PRODUCT DATA

CREATINE MONOHYDRATE

Item #: CR330US
CAS No: [6020-87-7]

M. Wt: 149.15
M. Fm: C₄H₉N₃O₂.H₂O

Description:

A white, fine crystalline powder. It is derived from non-animal sources and it contains no fillers or additives.

Application:

Creatine is a naturally occurring metabolite which helps recycle the body's supply of ATP for increased energy output, strength and endurance. Research indicates that athletes who exercise and supplement their diet with Creatine Monohydrate may increase the total Creatine pool within the muscle.

Grade: Nutritional Supplement

Specifications:

Creatine Monohydrate	.....	≥ 99.5%
		Creatine (anhydrous): 87.9 % (83.5% - 92.3%)
Creatinine	.....	≤ 0.1% w/w
Identification	.....	Meets the test for Creatine
Solubility	.....	1.3% (water, 25 °C)
Loss on drying	.....	11.5% - 12.7% (Crystalline water, 105°C, 2hrs)
Residue on ignition	.....	≤ 1.0%
Heavy metals (as Pb)	.....	10 ppm max.
Arsenic (As)	.....	3 ppm max.
Cadmium (Cd)	.....	5 ppm max.
E. Coli	.....	Negative
Salmonellas	.....	Negative
Total count	.....	< 5,000 /gm

Particle size: 80 mesh

Packing and Storage:

Preserved in 25 kg cartons or drums. Stored in cool, dry conditions. Shelf life – 2 years.

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