

Creatine HCL

INCI Name: Creatine HCL

CAS Numbers: 17050-09-8

Description:

Creatine HCL is considered to be the most soluble, most bioavailable and most absorbent creatine on the market today. It is a hydrochloride salt patented in 2009 and marketed as an athletic and bodybuilding supplement. A study by Vireo Systems found creatine hydrochloride to be 59 times more soluble in water than creatine monohydrate. Due to its higher solubility, the recommended dosage for creatine HCL is much lower than for creatine monohydrate.



Technical Data:

Item	Specification
Appearance	White crystalline Powder
Loss on Drying	≤10%
Residue on Ignition	≤01%
Heavy Metals	≤10ppm
Arsenic	≤1ppm
HCL	≤21.0%
Creatine	≤1.5%
Total Plate Count	≤1000cfu/g
Mold & Yeast	≤100cfu/g
Coliform Bacteria	<10cfu/g
E.Coli	Negative
Salmonella	Negative
Assay	≥98.5%

Applications:

Creatine HCL is used as a dietary supplement. It has been shown to improve the athletic performance of young, healthy people during brief, high-intensity exercise such as sprinting.



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