

## L-Carnitine Base 50% Feed Grade

### Product Description

L-Carnitine 50% Feed Grade is a free-flowing white crystalline powder containing 50% L-Carnitine and 50% carrier (mainly silica). It is highly hygroscopic with a mild odor. L-Carnitine plays a vital role in energy metabolism by transporting long-chain fatty acids into mitochondria for energy production. It is widely used as a feed additive to enhance growth performance, fat metabolism, and reproductive efficiency in animals.

### Specification & Typical Test results

Items	Specifications	Test Results
Appearance	White or almost white powder	Conform
PH	6.0-7.2	7.0
Specific rotation (°)	-14.5° ~ -16.0°	-14.8°
Water content (%)	15 max	9.6
Heavy metal (mg/kg)	10 max	<10
L-Carnitine content (%)	48.5-52	51.6
Si O2 content (%)	35.0-45.0	Conform
Particle size (mesh)	20 mesh	100% passed

**Packing in 25KG net weight fiber drums**

**Storage & Handling:** Store in a cool, dry, and well-ventilated place. Keep container tightly closed and protect from moisture. Avoid prolonged exposure to air and humidity.

**Shelf life:** 24 months under recommended storage conditions.



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**Warranty:** This specification herein is offered as a guide and is believed to be accurate as of the date of issue. The values given are not to be considered as a warranty and they are subject to change without prior notice. For final contract specification regarding our products, please re-confirm with Technical Team or given by our sales.