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## L-Isoleucine Specification

L-Isoleucine is widely recognized as an amino acid able to increase endurance and to help heal muscle tissue. It is particularly recommended to professional athletes and body builders, as the primary function of Isoleucine in the body is to boost up the energy levels and to assist the body in recovering from strenuous physical activity. Isoleucine is considered as an essential amino acid which is found in lots of proteins. In other words, this amino acid has to be obtained through the diet in adequate quantities in order to meet the needs of your body.


<b>E No.</b>	E461
<b>CAS No.</b>	61-90-5
<b>Packaging</b>	25kg
<b>Place of origin</b>	China
<b>Certificate</b>	Haccp, Kosher, Hala, ISO
<b>Payment terms:</b>	T/T or L/C
<b>Port of dispatch</b>	Shanghai, Tianjin, Qindao
<b>Applications</b>	<p>Food grade L-Isoleucine is one of the branched chain amino acids and is classified as an essential amino acid. This means the body cannot manufacture L-isoleucine; it must be acquired through diet or supplementation. This product is commonly used in parenteral and enteral nutrition. It is used in combination with the other branched chain amino acids to improve the nutritional status of patients with hepatic diseases.</p> <p>BCAAs serve as important fuel sources for skeletal muscle during periods of metabolic stress.</p>

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<b>L-Isoleucine</b>
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Abbreviation	L-Ile
Chemical Name	(2S, 3S)-2-Amino-3-methylpentanoic Acid
Chemical Formula	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>
Molecular Weight	131.17
Nitrogen Content	10.68%
CAS Number	73-32-5
Specification	USP, EP, JP
Solubility	Sparingly soluble in water
Assay	98.5 to 101.0%
Description	White crystals or crystalline powder; slightly bitter taste
Country of Origin	Brazil, China
Manufacturing Process	Fermentation
Additional Information	Isoleucine is an essential amino acid that is commonly used in parenteral and enteral nutrition. It is used in combination with the other branched chain amino acids (Leucine and Valine) to serve as important fuel sources for skeletal muscle during periods of metabolic stress.

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We're L-Isoleucine **Manufacturers, Suppliers and Wholesalers** in China.

Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

#### Contact Us

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