

## L-Hydroxyproline

### Features of cas 51-35-4

- Product Name: L-Hydroxyproline
- Chemical Formula: C<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>
- CAS No.: 51-35-4
- Dangerous Grade: None

### Technical Data of L-Hydroxyproline

ITEM	SPECIFICATION
Appearance	White crystals or crystalline powder
Assay	98.5%~101.0%
State of solution	≥95.0%
Specific rotation	-74.0° ~ -77.0°
pH	5.0-6.5
Chloride (CL)	≤0.020%
Sulfate(SO <sub>4</sub> )	≤0.020%
Ammonium(NH <sub>4</sub> )	≤0.020%
Heavy Metals(Pb)	≤10ppm

Iron(Fe)	$\leq 10\text{ppm}$
Arsenic(AS <sub>2</sub> O <sub>3</sub> )	$\leq 1\text{ppm}$
Other amino acids	conforms
Loss on drying	$\leq 0.20\%$
Residue on ignition	$\leq 0.10\%$

**Package and Storage:**

- 25kg/drum
- Store in a cool, dry place. Store in a tightly closed container

**Application /Application Industries:**

- Flavors&Fragrance: flavoring agent, nutrient supplements
- Pharmaceuticals: for the synthesis of antibiotics/anti-hypertension drug

NCMC cas 51-35-4 supports various industries with superior quality products, including lubricants and metal-processing, personal care, C.A.S.E, pharmaceutical and pesiticide, oil and water treatment, flavors and fragrances, organic & inorganic chemicals, ect.