



Bovidone XL XL-10 Crospovidone Freely Soluble and Physiologically Compatible in Food

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: HPLC
- Model Number: HBY-Bovidone XL & XL-10
- Minimum Order Quantity: 1kg
- Price: Negotiable
- Packaging Details: Packed in 20 kg fiber drums or 30 kg plastic drums
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 3000 Kilograms



Product Specification

- Name: Bovidone XL & XL-10
- CAS Number: 9003-39-8
- INCI Name: Polyvinylpyrrolidone (abbr. PVP)
- Particle Size: 70-110 Um For XL And 20-40 Um For XL-10
- NVP: ≤ 10.0 Ppm
- Peroxides: ≤ 400 Ppm
- Water-soluble: Freely Soluble In Water And A Variety Of Organic Solvents
- Chemical Properties: Free-flowing, Hygroscopic Powder, Solubilization, Physiological Compatibility, High Adhesive Ability
- Highlight: **Freely Soluble Crospovidone, Food Crospovidone, XL XL-10 Crospovidone**



More Images



Product Description



Bovidone XL and XL-10 are brand names for Crospovidone, a polyvinylpyrrolidone (PVP-P).

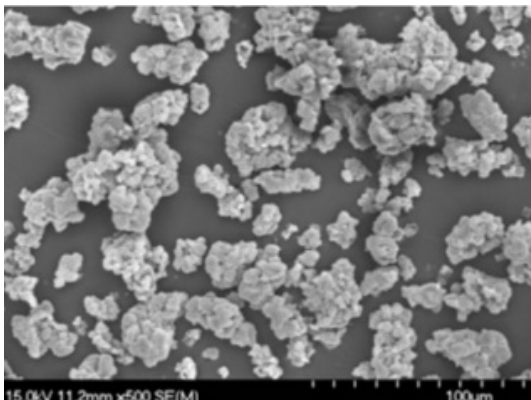
Physical and chemical properties

- White or nearly white, hygroscopic flowing powder, odorless or smelly;
- Almost insoluble in water, acid, and common organic solvents, with strong swelling properties and complexing ability with many kinds of substances;
- Popcorn structure gives it a huge specific surface area;

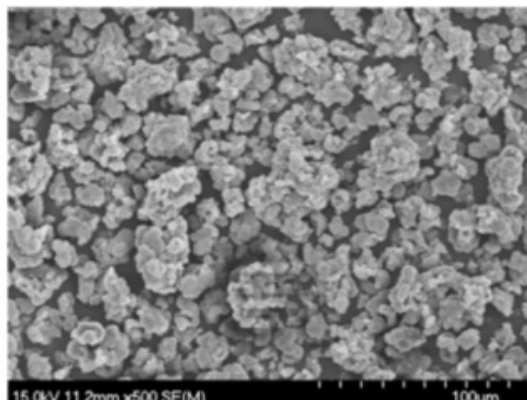
Chemical Data

Property	Value
Product name	Bovidone XL & XL-10
Brand name	HBY
CAS NO.	9003-39-8
INCI Name	Polyvinylpyrrolidone (abbr. PVP)
CEP Reg. No	2014-372
DMF Reg. No	29049
Chinese Excipient Registration No. of BOVIDONE K30	F20170000142

Typical Properties



SEM BOVIDONE® XL



SEM BOVIDONE® XL-10

Specification

Property	Bovidone K15	Bovidone K17	Bovidone K25	Bovidone K30	Bovidone K90
K-Value	12.8-17.3	15.3-18.4	22.5-27.0	27.0-32.4	81.0-97.2
Mv.	4500-9700	7100-11000	19300-31100	31700-51400	790000-1350000
2-P (%)	≤10.0	<10.0	<5.0	≤5.0	≤10.0

Element Impurity (ppm)	≤400	≤400	≤200	<150	≤400
Peroxides (ppm)	≤3.0	≤3.0	≤3.0	≤2.0	≤3.0
Fulfill ICH Q3D	Yes	Yes	Yes	Yes	Yes

Applications

As a water-insoluble tablet super disintegrant, it can be used for direct compression and dry or wet compression of tablets, generally at a concentration of 2-5%, and can quickly show high capillary activity and excellent hydration without gel formation. It has a short disintegration time, but a high dissolution rate, high stability, and high tablet hardness.

It can be used as a dry binder, filler, and excipient for tablets, capsules, and granules. Due to the small particle size of povidone, it can reduce the localized formulation when pressing tablets and improve the uniformity of tablets.

Used as a dissolution promoter, it can increase the solubility of insoluble drugs through co-transpiration.

Used as a suspension stabilizer, can improve the suspension stability of oral liquid preparation.

Widely used in the food industry as a filter aid in the production of wine, beer, and fruit juice.

PVPP can form stable complexes with polyphenols.

Packaging and Storage

Packed in 20 kg fiber drums or 30 kg plastic drums lined with double-layer pharmaceutical polyethylene film bags, using a nitrogen purge system to keep the peroxide stable.

Store in a dry place at room temperature.



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