美信佳集团
MESKA GROUP

Dreams Stretch The Future

梦想延伸未来

公司地址：浙江省湖州市南浔区菱湖工业园区种德路88号
Address:No. 88 Zhongde Road, Linghu Industrial Park, Nanxun District, Huzhou City, Zhejiang Province, China

医药级食品级销售部专线：0572-2575651
Pharmaceutical Grade & Food Grade Sales Department Hotline:0572-2575651

工业级销售部专线：0572-2575570
Industrial Grade Sales Department Hotline:0572-2575570

外贸部销售专线：0086-572-2575596
Overseas Sales Hotline：0086-572-2575596

邮箱：sales@joinwaypharm.com
Email: sales@joinwaypharm.com

官网：www.joinwaypharm.com
Website: www.joinwaypharm.com

美信佳中维
MESKA JOINWAY

MESKA JOINWAY

产品宣传册

PRODUCT BROCHURE

美信佳中维药业股份有限公司

MESKA JOINWAY PHARMACEUTICAL CO.,LTD.

医药级纤维素 Pharmaceutical Grade Cellulose

食品级纤维素 Food Grade HPMC

工业级纤维素 Industrial Grade Cellulose

陶瓷级 Ceramic Grade

日化级 Detergent

聚氯乙烯级 Polyvinyl Chloride Grade

建材级 Construction Grade

2025年 美信佳中维药业年产38000吨HPMC菱湖新厂正式投产
In 2025, the new HPMC Linghu plant of Meska Joinway Pharmaceutical Co.,Ltd , with an annual production capacity of 38,000 tons was officially put into operation.

2024年 美信佳中维药业年产38000吨HPMC菱湖新厂建设竣工
In 2024, the construction of the new HPMC Linghu plant of Meska Joinway Pharmaceutical Co.,Ltd , with an annual production capacity of 38,000 tons was completed.

2022年 美信佳中维药业年产38000吨HPMC菱湖新厂举行开工奠基仪式
In 2022, the groundbreaking ceremony for the new HPMC Linghu plant of Meska Joinway Pharmaceutical Co.,Ltd , with an annual production capacity of 38,000 tons was held.

2016年 公司在新三板成功挂牌（股票代码838717.OC）
In 2016, the company was successfully listed on the NEEQ (National Equities Exchange and Quotations) (Stock Code: 838717.OC)

2010年 美信佳集团收购并控股浙江中维药业有限公司
In 2010, Meska Group acquired and took controlling interest in Zhejiang Joinway Pharmaceutical Co., Ltd.

2004年 公司取得药品生产许可证
In 2004, the company obtained the Drug Manufacturing License.

2003年 浙江中维药业有限公司成立
In 2003, Zhejiang Zhongwei Pharmaceutical Co., Ltd. was established.

Company Profile 企业简介

美信佳集团有限公司坐落于美丽的太湖之滨湖州，位于湖州市南太湖新区紫荆路358号。公司始创于1994年，历时30多年的辛勤耕耘，现已发展成为集建筑、装饰、医药、化工、建材、金融、贸易为一体的综合型实业集团公司，旗下拥有6家子公司。

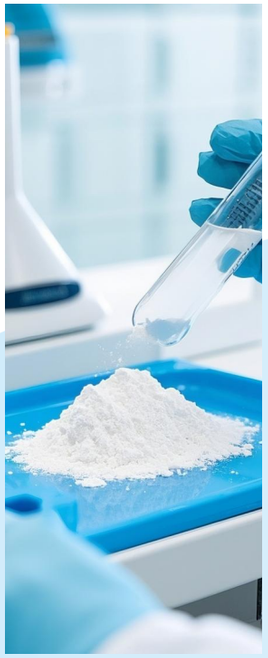
美信佳中维药业股份有限公司作为集团子公司之一，成立于2003年，专注于生产经营多种新型医药级和工业级纤维素醚，其医药级纤维素醚相关产品在国内技术领先。广泛应用于植物空心胶囊、薄膜包衣粉及相关成膜剂、缓控释制剂骨架材料、固体制剂粘合剂、软膏和乳油的稳定剂、洗剂和凝胶剂的增稠剂等。

Meska Group is located in Huzhou, a beautiful city on the banks of Tai Lake, at No. 358, Zijin Road, Nantaihu New Area, Huzhou City. Founded in 1994, after more than 30 years of hard work, it has now developed into an integrated industrial group company integrating construction, decoration, pharmaceutical, chemistry, building materials, finance and trade, with 6 subsidiaries.

As one of the group's subsidiaries, Meska Joinway Pharmaceutical Co., Ltd., established in 2003, specializes in the production and operation of a variety of new pharmaceutical-grade and industrial-grade cellulose ethers. Its pharmaceutical-grade cellulose related products are technologically leading in China. They are widely used in plant hollow capsules, film coating powders and related film-forming agents, sustained-release and controlled-release dosage form matrix materials, solid dosage form binders, stabilizers for ointments and emulsifiable concentrates, and thickening agents for lotions and gels.

美信佳中维作为国家高新技术企业、浙江省科技型企业、浙江省专精特新中小企业，高度重视产品研发与技术合作，同国内知名大专院校建立产、学、研联动平台。公司通过了ISO9001、ISO45001和ISO14001等管理体系认证；累计获得10项发明专利和12项实用新型专利授权。同时申报欧盟CEP和美国FDA认证，不断拓展欧美市场。按照GMP要求，制定完整的质量管理体系文件，从原料、生产、检测到出厂放行进行严格质量控制，确保整个供应链流畅，满足国内外顾客需求。配备安捷伦气相色谱仪、PE原子吸收仪等分析仪器，为研发和质量控制提供关键数据支持，确保产品品质。

As a national high tech enterprise, a science and technology based enterprise in Zhejiang Province, and a specialized and sophisticated small - and - medium - sized enterprise in Zhejiang Province, Meska Joinway attaches great importance to product research and development and technical cooperation, and has established a production - education - research linkage platform with well known domestic universities and colleges. The company has passed management system certifications such as ISO9001, ISO45001 and ISO14001; it has accumulated 10 invention patents and 12 utility model patents. At the same time, it applies for EU CEP and US FDA certifications to continuously expand into the European and American markets. In accordance with GMP requirements, a complete set of quality management system documents has been developed, and strict quality control is carried out from raw materials, production, testing to release from the factory to ensure the smooth flow of the entire supply chain and meet the needs of domestic and foreign customers. It is equipped with analytical instruments such as Agilent gas chromatographs and PE atomic absorption spectrometers to provide key data support for research and development and quality control, ensuring product quality.



2022年6月，美信佳中维智能化新厂在湖州市南浔区菱湖镇泛半导体新材料产业园内（省级化工园区）破土动工。2024年4月，新厂成功试生产。2025年1月，新厂正式进入全面生产阶段。厂区总投资13.4亿元，占地141.2亩，拥有全球顶尖的气相法生产线和国内自动化程度最高的液相法生产线，可年产工业级纤维素醚26000吨、医药级纤维素醚12000吨，总产能38000吨，位居全球前列。产线配置进口自动化控制设备，可实现安全环保的工业自动化稳定运行，是一家集生产、检测、包装、仓储、物流为一体的全自动现代化绿色智能工厂。

In June 2022, the new intelligent factory of Meska Joinway Pharmaceutical Co.,Ltd was broken ground in the Pan-Semiconductor New Material Industrial Park (a provincial-level chemical industrial park) in Linghu Town, Nanxun District, Huzhou City. In April 2024, the new factory successfully conducted trial production, and in January 2025, it officially entered full-scale production. With a total investment of 1.34 billion yuan, the factory occupies an area of 141.2 mu and boasts the world's leading gas-phase production lines and the most automated liquid-phase production lines in China.It is capable of annually producing 26,000 tons of industrial grade cellulose ether and 12,000 tons of pharmaceutical grade cellulose ether, the total annually capacity reaches 38,000 tons, ranking among the top in the world.The production line is equipped with imported automated control equipment, which can achieve stable operation of safe and environmentally friendly industrial automation. It is a fully automated modern green intelligent factory integrating production, testing, packaging, warehousing and logistics.

Product Introduction 产品介绍

羟丙甲纤维素（CAS注册号：9004-65-3）在口服和局部用制剂中应用广泛。在口服固体制剂中，羟丙甲纤维素主要作为片剂黏合剂、薄膜包衣材料和缓释片剂的骨架材料。羟丙甲纤维素可作为局部制剂特别是眼科制剂的助悬剂和增稠剂。与甲基纤维素相比，羟丙甲纤维素形成的溶液更加澄明，只有极少量的不分散性纤维状物存在，因此多应用于眼科制剂。通常可作为滴眼剂和人工泪液的增稠剂，也可作为隐形眼镜的湿润剂。羟丙甲纤维素也可作为局部用凝胶剂和软膏剂的乳化剂、混悬剂和稳定剂使用。羟丙甲纤维素可形成保护性胶体，可阻止乳滴或颗粒凝聚或集聚，从而抑制沉降物的形成。另外，羟丙甲纤维素在可作为植物空心胶囊的主要基材。在化妆品和食品中的应用也非常广泛。

HPMC (CAS Registry Number: 9004 - 65 - 3) is widely used in oral and topical preparations. In oral solid preparations, HPMC is mainly used as a tablet binder, film coating material, and skeleton material for sustained release tablets. HPMC can be used as a suspending agent and thickener in topical preparations, especially ophthalmic preparations. Compared with methylcellulose, the solution formed by HPMC is clearer, with only a very small amount of undispersible fibrous matter, so it is often used in ophthalmic preparations. It is usually used as a thickener for eye drops and artificial tears, and can also be used as a wetting agent for contact lenses. HPMC can also be used as an emulsifier, suspending agent, and stabilizer in topical gels and ointments. HPMC can form a protective colloid, which can prevent the aggregation or agglomeration of emulsion droplets or particles, thus inhibiting the formation of sediment. In addition, HPMC can be used as the main base material for plant hollow capsules. It is also widely used in cosmetics and food.

技术指标 Technical Specifications

符合标准：ChP（中国药典）、USP（美国药典）、EP（欧洲药典）
Conforming to Standards: ChP (Chinese Pharmacopoeia), USP (United States Pharmacopoeia), EP (European Pharmacopoeia)

项目 Item	规格 Specification		
	2910型	2906型	2208型
甲氧基含量 Methoxy(%)	28.0-30.0%	27.0-30.0%	19.0-24.0%
羟丙氧基含量 Hydroxypropoxy(%)	7.0-12.0%	4.0-7.5%	4.0-12.0%
酸碱度 pH	5.0-8.0		
水中不溶物 Insoluble Matter in Water	≤5mg(0.5%)		
干燥失重 Loss on Drying(%)	≤5.0%		
炽灼残渣 Residue(%)	≤1.5%		
重金属 Heavy Metals(ppm)	≤10ppm		
砷盐 Arsenic (ppm)	≤0.0002%		
微生物限度 Microbiological Limit	需氧菌总数Total microbe count≤1000cfu/g 霉菌和酵母菌总数Total mold and yeast≤100cfu/g		大肠埃希菌不得检出 Escherichia coli not detected

符合标准：食品安全国家标准 食品添加剂 羟丙基甲基纤维素（HPMC）GB1886.109
Conform to the standard: National Food Safety Standard, Food Additive, Hypromellose (HPMC) GB1886.109

项目 Item		指标 Index	检验方法 Test Method
甲氧基Methoxy（$-OCH_3$）含量Content，w/%		19.0-30.0	附录A中A.4 Appendix A, A.4
羟丙氧基（$-OCH_2CHOHCH_3$）含量，w/% Hydroxypropoxy Content		3.0-12.0	附录A中A.4 Appendix A, A.4
干燥减重Loss on drying，w/%		≤5.0%	GB5009.3直接干燥法[a] direct drying method
灼烧残渣，w/% Residue	黏度≥50mPa.s Viscosity	≤1.5	GB/T 9741
	黏度＜50mPa.s Viscosity	≤3.0	
黏度 / (mPa.s) Viscosity	黏度≤100mPa.s Viscosity	声称值的80.0%~120.0% 80.0%~120.0% of the declared value	附录A中A.5 AppendixA, A.5
	黏度＞100mPa.s Viscosity	声称值的75.0%~140.0% 75.0%~140.0% of the declared value	
铅Lead（Pb）/(mg/kg)		≤3.0	GB5009.12

[a]干燥温度为105℃±2℃，干燥时间为2h。 Drying temperature is 105℃±2℃, and drying time is 2h.

标示黏度及范围

Indicated Viscosity and Range in mPa.s

标示黏度 Indicated Viscosity	范 围（毫帕.秒） Range（mPa.s）
3	2.5-3.5
4	3.6-4.5
5	4.6-5.5
6	5.6-7.2
10	8.0-12.0
15	12.1-18.0
30	24.0-36.0
50	40.0-60.0
100	80.0-120.0
4000	3000-5600
15000	11250-21000
100000	75000-140000
200000	150000-280000

用法与用量

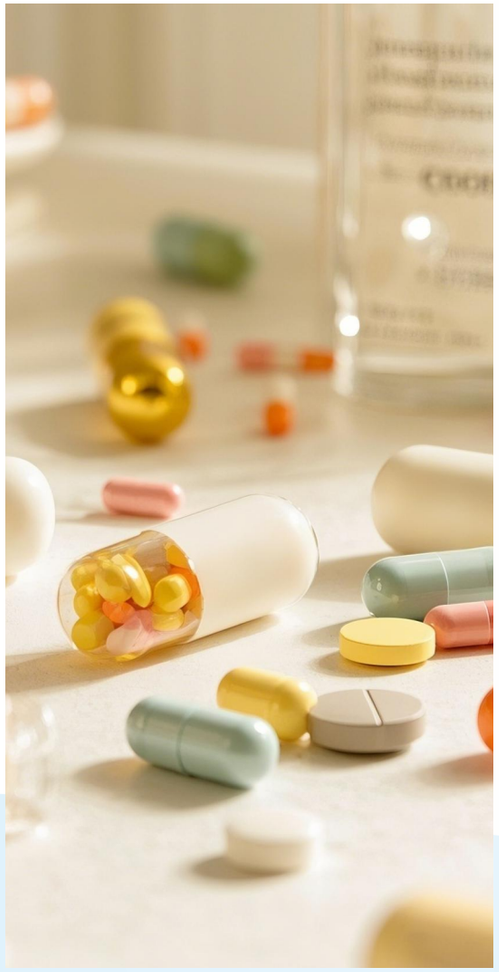
Usage and Dosage

作湿法制粒片剂的黏合剂使用浓度为2%左右，作干法制粒片剂黏合剂的使用浓度为5%左右。根据不同的黏度级别，2%~20%的浓度可作为片剂薄膜包衣溶液；低黏度级别可作为水性薄膜包衣溶液，而高黏度级别可作为有机溶剂系统包衣溶液。

0.45%~1.0%（W/W）的低黏度级别羟丙甲纤维素可作为滴眼剂和人工泪液的增稠剂。

高黏度级别的羟丙甲纤维素的使用浓度为10%~80%（W/W）时可作为片剂和胶囊剂骨架的阻滞剂，有延缓药物释放的作用。

用作增稠剂的视处方空间和溶剂量，按目标效果所需粘度换算合适黏度级别的产品。



Usage and Dosage: The concentration used as a binder for wet granulated tablets is about 2%, and for dry granulated tablets, it is about 5%. Depending on different viscosity levels, a concentration of 2% - 20% can be used as a film coating solution for tablets; low viscosity grades can be used as aqueous film coating solutions, while high viscosity grades can be used as organic solvent based coating solutions.

Low viscosity grades of HPMC at a concentration of 0.45% - 1.0% (W/W) can be used as thickeners for eye drops and artificial tears.

High viscosity grades of HPMC, when used at a concentration of 10% - 80% (W/W), can be used as retarders for the skeletons of tablets and capsules, with the effect of delaying drug release.

When used as a thickener, depending on the formula and the amount of solvent, select an appropriate viscosity product according to the required viscosity for the target effect.

胶囊级羟丙甲纤维素

Capsule Grade Hypromellose

胶囊级羟丙甲纤维素完全来源于植物，不含动物成份，无动物源过敏风险。胶囊级产品除了常规指标控制更好之外，还有更低的铬含量。因为产品本身的惰性，使其对温度和湿度的耐受能力更强，干燥环境之下也不易脆裂，存储更安全。与大多数药物成份（金属盐或离子化有机物形成不溶性沉淀）无相互作用。与醛类物质接触时不会发生明胶常见的交联反应。

胶囊级推荐：2910型，木浆粕来源，黏度3-6mPa.s

Capsule grade HPMC is completely derived from plants, contains no animal components, and has no risk of animal source allergies. In addition to better control of conventional indicators, capsule grade products also have a lower chromium content. Due to the inertness of the product itself, it has a stronger tolerance to temperature and humidity, is not easy to crack in a dry environment, and is safer for storage. It has no interaction with most drug components (such as forming insoluble precipitates with metal salts or ionized organic substances). It does not undergo the common cross linking reaction of gelatin when in contact with aldehydes.

Capsule grade recommendation: Type 2910, sourced from wood pulp, with a viscosity of 3 - 6mPa.s

特制缓控释级羟丙甲纤维素

Special-Purpose Sustained/Controlled-Release Grade Hypromellose

特制缓控释级羟丙甲纤维素是针对客户用作亲水性凝胶骨架材料有特定需求的一款产品，目前市场上对片剂的硬度和释药速度要求更多。根据实际需求，特制产品按照粒径粗细划分，满足用户对硬度和释药速度的不同要求。

Special Sustained Release and Controlled Release Grade HPMC is a product designed to meet the specific needs of customers for using it as a hydrophilic gel skeleton material. Currently, the market has more requirements for the hardness of tablets and the drug release rate. According to actual needs, the special products are divided according to particle size to meet users' different requirements for hardness and drug release rate.

供货型号（其他型号加工工艺陆续开发中） Supply model (the processing techniques for other models are being developed successively)	K100M/K15M/K4M
用量Dosage（%）	10-80
堆密度Apparent density（g/ml）	0.20-0.30
粒径 Particle size	粗颗粒（仅针对改善压片硬度需求） Coarse particles (only for the need of improving tablet hardness)
	细颗粒（针对释药速度过快调整） Fine particles (for adjusting the situation of too fast drug release rate)

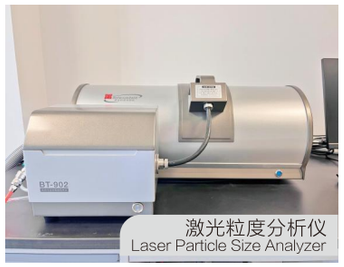
Intelligent Leadership 智能引领

中控室
Central Control Room


粉体特性分析仪
Powder Characteristics Analyzer


捷克林粉碎机
Jaeckering Grinder


气体醚化车间
Gas Etherification Workshop



激光粒度分析仪
Laser Particle Size Analyzer


气相色谱仪
Gas Chromatograph