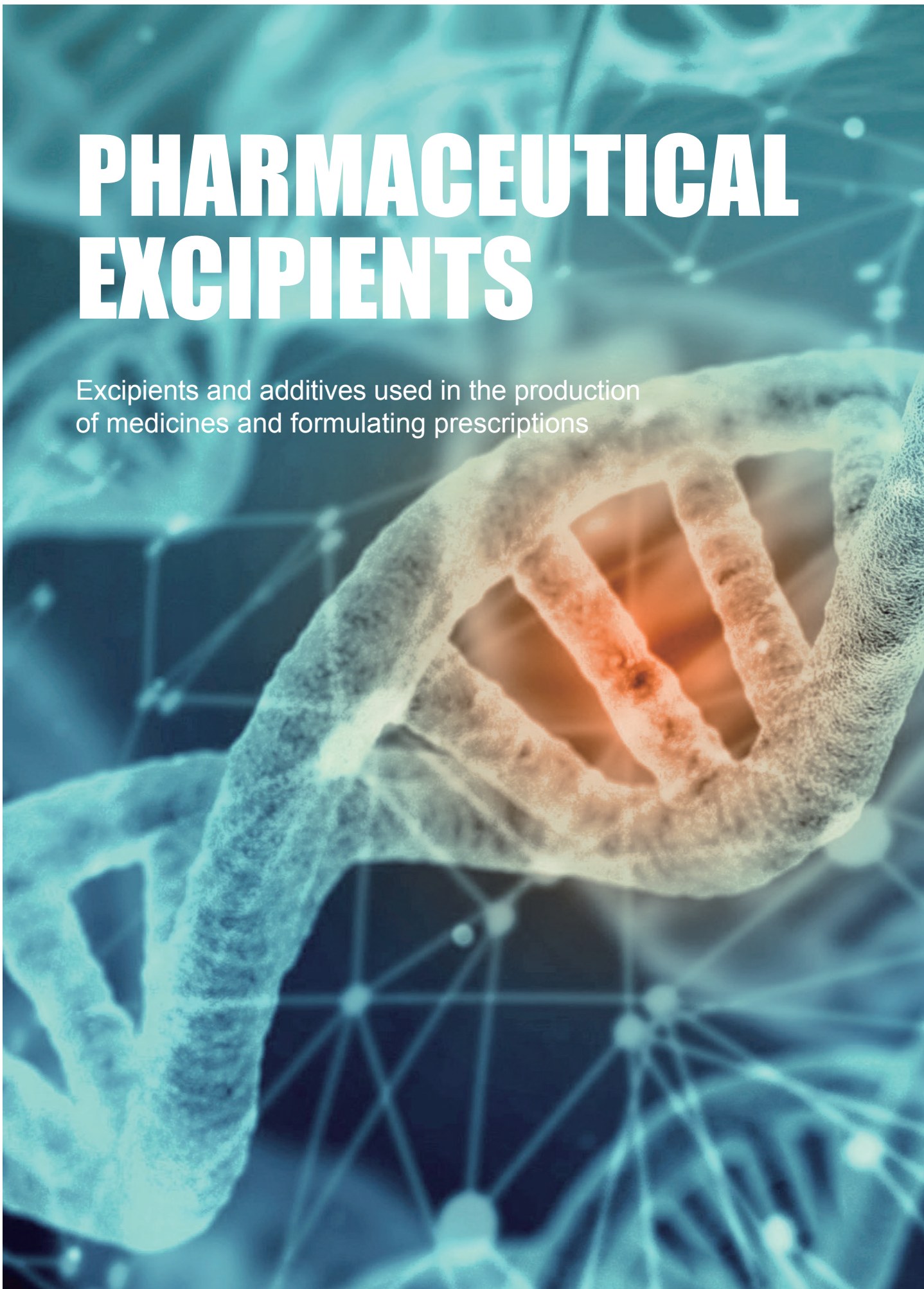


# PHARMACEUTICAL EXCIPIENTS

Excipients and additives used in the production of medicines and formulating prescriptions







## PHARMACEUTICAL EXCIPIENTS

Pharmaceutical excipients refer to excipients and additives used in the production of drugs and formulating prescriptions; in addition to the active ingredients, they have been reasonably evaluated in terms of safety and are included in pharmaceutical preparations.

In addition to excipients, serving as carriers, and improving stability, pharmaceutical excipients also have important functions such as solubilization, solubilization, and slow and controlled release. They are important ingredients that may affect the quality, safety and effectiveness of drugs.

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# Ketiodine

Product Name	CAS No.	APPLICATION
Polyvinylpyrrolidone K30 Polyvinylpyrrolidone K90	9003-39-8	Medical, aquaculture, animal husbandry disinfectants. For disinfection of skin and mucous membranes
Polyvinylpyrrolidone cross-linked	25249-54-1	used in beverage and pharmaceutical industries
Poly (1-vinylpyrrolidone-co-vinyl acetate)	25086-89-9	The main raw material of cosmetics, used in hair gel, mousse, shampoo, etc., also used in surfactants, medicine and other industries
Povidone iodine	25655-41-8	It has the bactericidal effect of iodine. It can be used as a bactericidal disinfectant and bacteriostatic agent in medicaments, used for preservatives such as eye drops, nasal drops, creams, etc., and can also be made into a disinfectant

# Dextrin

Product Name	CAS No.	APPLICATION
2-Hydroxypropyl- $\beta$ -cyclodextrin	128446-35-5	Ideal injection solubilizer and pharmaceutical excipient
$\beta$ -Cyclodextrin, sulfobutyl ethers, sodium salts	182410-00-0	used in beverage and pharmaceutical industries
beta-Cyclodextrin methyl ethers	128446-36-6	Improve drug solubility, bioavailability, adjust or control drug release rate, reduce drug side effects, and enhance drug stability
2,6-DI-O-METHYL-BETA-CYCLODEXTRIN	51166-71-3	higher water solubility, stimulates fatty acid synthesis
3-FLUORO-4-NITROTOLUENE	128446-34-4	Pharmaceutical intermediates

# Metal Salt

Product Name	CAS No.	APPLICATION
Potassium Phosphate Dibasic	7758-11-4 16788-57-1	used in medicine, fermentation, bacterial culture and preparation of potassium pyrophosphate, etc.
Sodium phosphate dibasic dodecahydrate	10039-32-4	Medium culture for MSG, erythromycin, penicillin, streptomycin and sewage biochemical treatment products
Sodium benzoate	532-32-1	used in the pharmaceutical industry and plant genetic research, also used as dye intermediates, fungicides and preservatives
Sodium acetate trihydrate	6131-90-4	widely used in dyes, pharmaceuticals and chemical products
Magnesium stearate	557-04-0	Stabilizer; Lubricant; Raw Material for Pharmaceutical Tablets
Magnesium oxide	1309-48-4	used as analytical reagent, also used in pharmaceutical industry, rubber industry and oil industry, etc.
MANGANESE(II) CARBONATE HYDRATE	34156-69-9	Pharmaceutical intermediates, material intermediates
magnesium bis (hydrogen carbonate)	2090-64-4	Pharmaceutical Excipients
Sodium carboxyl methylstarch	9063-38-1	Pharmaceutical Excipients, thickener and emulsion stabilizer
Sodium dodecyl sulfate	151-21-3	Medical emulsifying and dispersing agent, etc.

# Lipid

Product Name	CAS No.	APPLICATION
Glycerol	56-81-5	used in medicine, textile, papermaking, metal processing, etc.
SOYBEAN OIL	8001-22-7	used as a solvent for fat-soluble drugs
Epoxidized soya bean oil	8013-07-8	used as a plasticizer for PVC plastics
Soybean oil, hydrogenated	8016-70-4	As a filler, it is used in liquid and semi-solid fillings of gelatin hard capsules and soft capsule preparations.
ETHYL OLEATE	111-62-6	Used as perfume, medicinal excipient, plasticizer and ointment base, etc.
Paraffin wax	8002-74-2	Food paraffin is suitable for the components of food and oral medicine, as well as demoulding, tableting, polishing, etc.
Tween 80	9005-65-6	Pharmaceutical industry as solubilizer
CORN OIL	8001-30-7	Sterol is a necessary raw material for all kinds of lipid-lowering drugs. Sitosterol tablets are a common drug compounded with sterols and other drugs.

# Sugar Alcohol

Product Name	CAS No.	APPLICATION
D-Mannitol	69-65-8	Medically used as dehydrating agent and diuretic, used to reduce intracranial pressure, intraocular pressure, diuresis and prevention and treatment of early acute renal insufficiency, and also used as an excipient for tablets
Sorbitol	50-70-4	Pharmaceutical grade is used for the preparation of injections, large infusions and oral granules, and food grade is used for chewing gum, sugar-free candies, etc.
Stevioside	57817-89-7	Used as a food sweetener, especially suitable for hypertension, diabetes, obesity, heart disease, dental caries, etc.
Sucrose	57-50-1	Nutritive sweetener, forming and structure structuring agent
DL-Menthol	89-78-1 1490-04-6	It is used in medicine for cooling oil, analgesics, etc. It is also used to make toothpaste, tooth powder, candy, beverages, spices, etc.

# Solvent

Product Name	CAS No.	APPLICATION
Formic acid	64-18-6	Used as reducing agent, buffer, etc.
Ethyl acetate	141-78-6	It can be used to dissolve nitrocellulose, ink, grease, etc., and can also be used as raw materials for paint, artificial leather, plastic products, dyes, medicines and spices
Isopropyl alcohol	67-63-0	Mainly used in pharmacy, but also used as solvent, extractant, antifreeze, etc.



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