

Technical Data Sheet

Version: 1.0
Page 1, Total 2

Date: 18 / 6 / 2026



Item Name:

NIPAGIN

PRODUCT INFORMATION

Chinese Name:	尼泊金甲酯 – 对羟基苯甲酸甲酯
Commodity Name:	Methyl Paraben
Chemical Name:	Methyl P-hydroxybenzoate
Other Name:	Methyl 4-Hydroxybenzoate
CAS No.:	99-76-3
Molecular Weight:	152.15
Molecular Formula:	C ₈ H ₈ O ₃

TECHNICAL SPECIFICATION

Index	Q/SH008	BP	USP
Appearance	White crystalline power	Colorless crystals or white crystalline powder	White crystalline power
Content (Dry Basis) by wt %	99.0 min	98.0 - 102.0	98.0 - 102.0
Melting Point by °C	125 - 128	125 - 128	125 - 128
Acidity	/	Qualified	Qualified
Sulfate (SO ₄ ²⁻) by wt %	0.024 max	/	/
Drying Loss by wt %	0.50 max	/	/
Residue on Ignition by wt %	0.10 max	0.10 max	0.10 max
HBA and Salicylic Acid by wt %	0.10 max	/	/
Related Substances	/	Qualified	Qualified
Appearance of Solution	/	Qualified	Qualified
Identification Test	/	Qualified	Qualified

SOLUBILITY

Easily soluble in diethyl ether, acetone. Very slightly soluble in cold water, hot water. 1 gram dissolves in about 40 ml of warm oil. 1 gram dissolves in about 70 ml of warm glycerol. Slightly soluble in carbon tetrachloride. Soluble in benzene, oils and fats. Solubility in water: 0.25% (wt/wt) @20°C or 0.30% (wt/wt) @ 25°C.

MAIN APPLICATION

Broad spectrum bactericide for gram positive, feminine germ and saccharomycetes; Low application concentration, safe, economic, long serve life.

Recommended dosage: 0.2%~0.5%.

It is widely used in cosmetic, medical and food industry for preservation.

PACKING AND SHELF LIFE

Packing: 25kg/carton, 25kg/drum

Shelf Life: 36 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

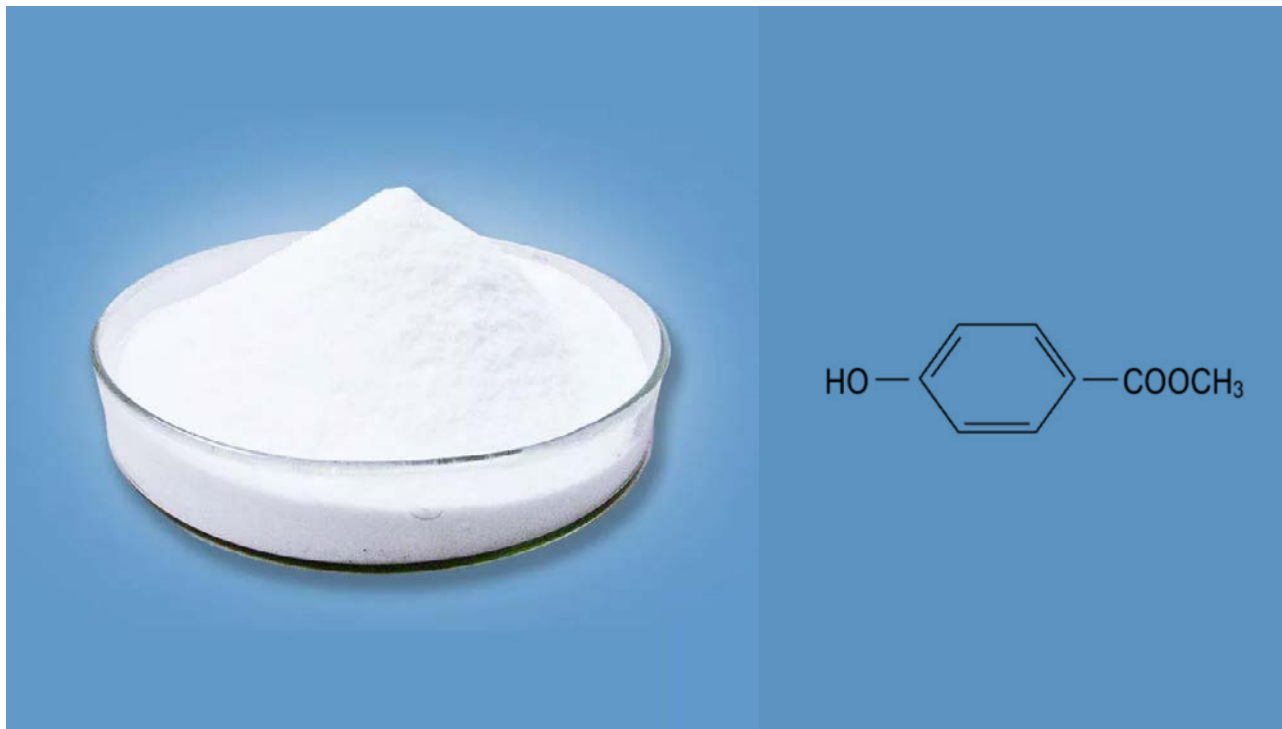
Technical Data Sheet

Version: 1.0
Page 2, Total 2

Date: 18 / 6 / 2026



PRODUCT IMAGE



** The image shown here is indicative only. The actual product may differ.*

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