

Methylparaben USP

INCI Name: Methylparaben

CAS Numbers: 99-76-3

Description:

Methylparaben is a member of the paraben family, a group of compounds that possess antibacterial and antifungal properties. It is used extensively as a water-soluble preservative in many foods, beverages, pharmaceuticals, and personal care products. Although methylparaben is usually synthesized in a laboratory for this purpose, it is essentially identical in molecular structure to the same compound that occurs in nature.



Technical Data:

Test Name:	Range:
Identification - IR	Conforms to USP/NF
Loss on Drying %	0.5 MAX
Melting Range (deg. C)	125.00 TO 128.00
Acidity	0.00 TO 0.10
Related Substances	p-Hydroxybenzoic Acid 0.5% MAX Unspecified Impurities 0.5% MAX Total Impurities 1.0% MAX
Residual Solvent (ppm)	3000 MAX (Methanol)
Residue on Ignition	0.05 % MAX
Sulfated Ash %	0.00 TO 0.05
Lead (ppm)	2 MAX
Appearance	White crystalline powder
Assay (%)	98.00 TO 102.00
Clarity of Solution (BP / EP)	Conforms
Color of Solution	Conforms to USP/NF

Applications:

Used in moisturizers, makeup, hair care products, sunscreens, anti-aging products, cleaners, wound care, toothpaste, baby care, vaccines, and much more.



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