



Specification

Methyl Paraben USP/NF

Catalog Number:	MP1003
CAS Number:	99-76-3
Synonym(s):	<i>p</i> -Hydroxybenzoic acid methyl ester; Methyl <i>p</i> -hydroxybenzoate
Molecular Formula:	C ₈ H ₈ O ₃
Molecular Weight:	152.15
Storage:	15°C – 30°C
Retest Period:	Three years from date of manufacture.

Test	Specification
Appearance	White to colorless crystalline powder
Assay	98.0 – 102.0%
Identification (IR)	Agrees with standard
Melting Point	125°C – 128°C
Solubility	Meet requirement
Color of Solution	Clear
Acidity	Meet requirement
Moisture (LOD)	≤ 0.5%
Residue on Ignition	≤ 0.1%
Related Substances	≤ 0.5%
Impurity A	≤ 0.5%
Unspecified Impurity	≤ 0.5%
Total Impurities	≤ 1.0%
Residual Solvents (Methanol)	≤ 3,000ppm
Meets the specifications for USP40-NF35.	

Approved:

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