



SIGMA-ALDRICH

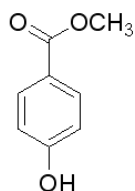
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Product Information

Methyl 4-hydroxybenzoate Sigma Reference Standard

Catalog Number **M8911**
Lot Number 075K88031
Store at Room Temperature

CAS RN 99-76-3
Synonyms: Methylparaben; Methyl *p*-hydroxybenzoate;
Benzoic acid, 4-hydroxy-, methyl ester;
p-Hydroxybenzoic acid methyl ester



Product Description

Molecular Formula: $\text{HOC}_6\text{H}_4\text{CO}_2\text{CH}_3$
Molecular Weight: 152.15

This product meets USP specifications (Current through USP 28, 1st Supplement), and is traceable to USP Reference Standard lot K0C382.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

Dry a portion over silica gel for 5 hours before using. Use promptly. Discard unused material.

Storage/Stability

Keep tightly closed at room temperature.

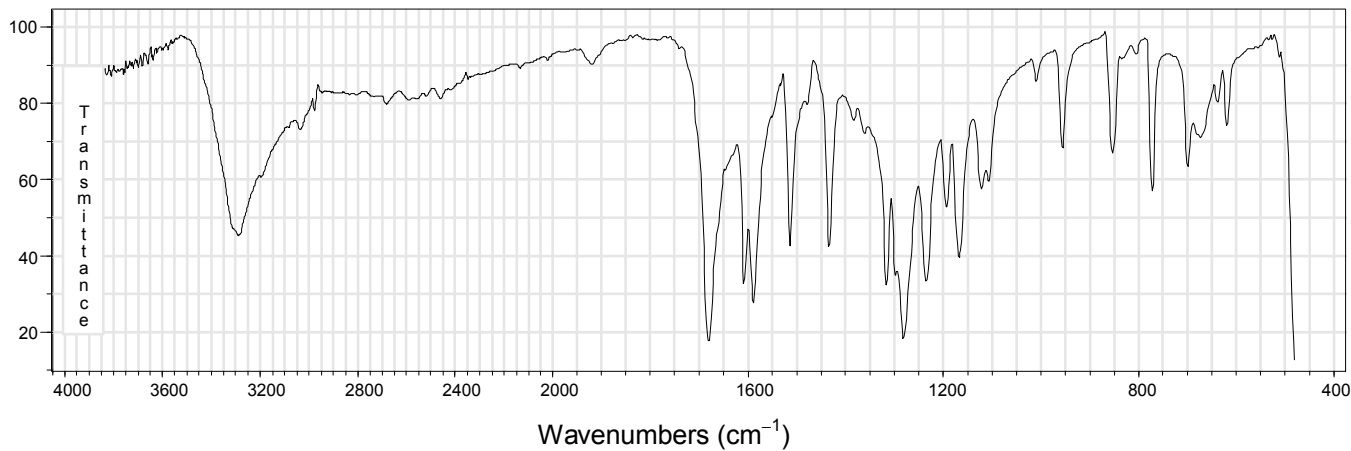
PCS,MAM 05/07-1

TEST	USP 28 SPECIFICATIONS	Result Sigma Reference Standard Lot 075K88031
Infrared absorption spectrum KBr dispersion <197 M>	compares to standard	conforms to USP RS lot K0C382
Identification B	the principal spot obtained in the chromatogram of <i>Test Solution B</i> corresponds in size and R_f to that of the principal spot from <i>Standard solution B</i>	passes
Identification C	passes test	passes
Color of solution	passes test	passes
Acidity	passes test	passes
Residue on ignition <281>	not more than 0.1%	passes
Chromatographic purity <621>	no impurity greater than 0.5%	passes
Melting range <741>	between 125 °C and 128 °C	126–127 °C
Organic volatile impurities <i>Method IV</i> <467>	meets requirements	passes
Assay <541>	not less than 99.0% and not more than 100.5%	99.8%

See reverse side for IR spectrum of Sigma Reference Standard.

Infrared Spectrum

KBr dispersion



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