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Product Information

METHYLPARABEN SIGMA REFERENCE STANDARD

Product No. **M8911**

Lot No: 114K8801

Storage Temperature: room temperature

Formula: $C_8H_8O_3$

Formula Weight: 152.15

CAS No: 99-76-3

Synonyms: Benzoic acid, 4-hydroxy-, methylester.
Methyl *R*-hydroxybenzoate.

Product Description

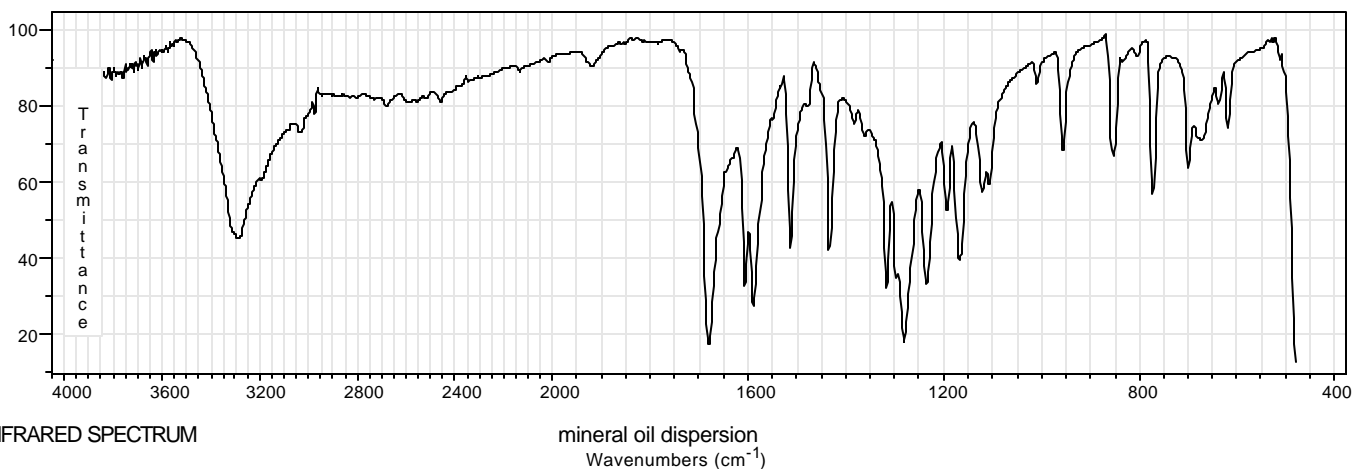
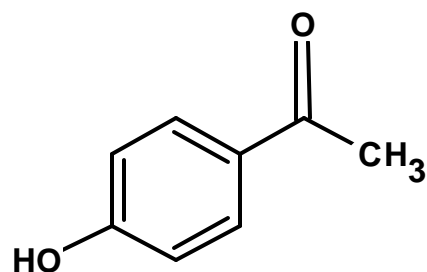
This product meets USP specifications (Current through USP 27, 2nd Supplement), and is traceable to USP Reference Standard lot K0C382

Keep tightly closed at room temperature. Dry a portion over silica gel for 5 hours before using. Use promptly. Discard unused material.

TEST	USP 27 SPECIFICATIONS	Result Sigma R.S. Lot 114K8801
Infrared absorption spectrum KBr dispersion (197M)	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° and 128°	126-127°
Organic volatile impurities <i>Method IV</i> (467)	meets requirements	passes
Assay (541)	not less than 99.0% and not more than 100.5%	100.1%

See reverse side for IR spectrum of Sigma Reference Standard.

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Product No. **M8911**
Lot 114K8801



1/2005

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