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Product Information

METHYL PARABEN SIGMA REFERENCE STANDARD

Product No. **M8911**

Lot No: 075K8803

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 *p*-hydroxybenzoate.

Product Description

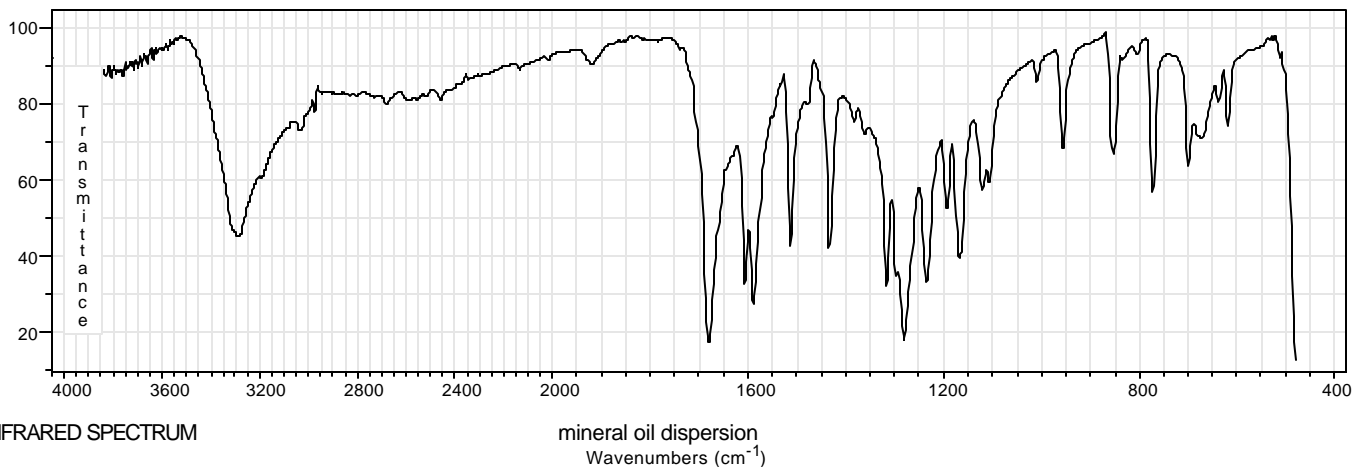
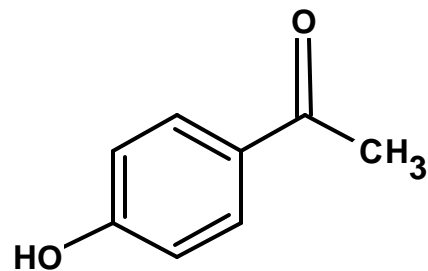
This product meets USP specifications (Current through USP 28, 1st Supplement), and is traceable to USP Reference Standard lot K0C382

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 075K8803
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%	99.8%

See reverse side for IR spectrum of Sigma Reference Standard.

METHYLPARABEN
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Lot 075K8803



7/2005

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