



CERTIFICATE OF ANALYSIS

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1. Identification

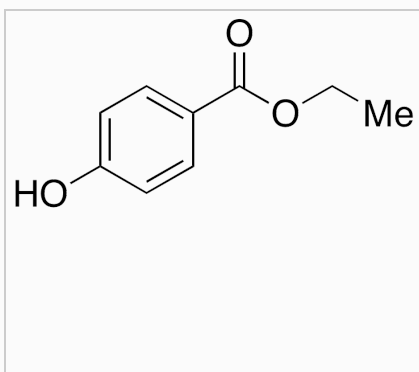
Catalogue Number: E925475

CAS Number: 120-47-8

Product: Ethyl Paraben

Synonym: 4-hydroxybenzoic Acid Ethyl Ester; 4-(Ethoxycarbonyl)phenol; 4-Carbethoxyphenol; 4-Hydroxybenzoic Acid Ethyl Ester; Aseptin A; Aseptoform E; Easeptol; Ethyl 4-Hydroxybenzoate; Ethyl Butex; Mekkings E; Mycocten; NSC 23514; p-Carbethoxyphenol;

Structure:



Molecular Formula:

C₉H₁₀O₃

Molecular weight:

166.17

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-MS-C-113-2

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Melting Point	Report Result	115 - 117°C
HPLC	Report Result	99.96%
Elemental Analysis	Conforms	Refer: Additional Information
Appearance	White to Off-White Solid	White Solid

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Hexanes = 1 : 1; Visualized with UV and KMnO₄; Single Spot, R_f = 0.60. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 65.10, %H: 6.14; (Calculated) %C: 65.05, %H: 6.07

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Philip Chan			7/20/2018	7/18/2025
				