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## Product Specification

Product Name:

trans-p-Methoxycinnamaldehyde – ≥98%, stabilized

Product Number:

W356700

CAS Number:

24680-50-0

MDL:

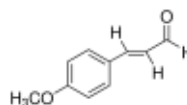
MFCD00017343

Formula:

C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>

Formula Weight:

162.19 g/mol



### TEST

### Specification

Appearance (Color)

Pale Yellow to Gold

Appearance (Form)

Crystalline Solid

Initial Melting Point

≥ 54 °C

Final Melting Point

≤ 60 °C

Infrared spectrum

Conforms to Structure

Purity (GC)

≥ 98.0 %

Alpha-Tocopherol

0.05 - 1.00 %

Titration by Hydroxylamine

98.0 - 102.0 %

Solubility (Turbidity)

Clear

c = 5%; Chloroform

Solubility (Color)

Faint Yellow to Dark Yellow

Arsenic (As)

≤ 3 ppm

Cadmium (Cd)

≤ 1 ppm

Mercury (Hg)

≤ 1 ppm

Lead (Pb)

≤ 10 ppm

Specification: PRD.1.ZQ5.10000078605

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.