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Product Specification

Product Name:

Tetrahydrofolic acid - ≥65% (when packaged), powder

Product Number:

T3125

CAS Number:

135-16-0

MDL:

MFCD00135583

Formula:

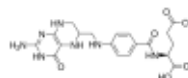
C₁₉H₂₃N₇O₆

Formula Weight:

445.43 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)

Faint Yellow to Light Yellow to Light Brown

Appearance (Form)

Powder

Solubility (Color)

Very Light Yellow to Very Dark Yellow

Solubility (Turbidity)

Clear to Slightly Hazy

5 mg/mL in 0.1 M Phosphate Buffer, pH 7.0

EmM

≥ 21.0

In 0.1 M Phosphate Buffer, pH 7.0, plus 0.1% Mercaptoethanol, at 296 nm to 298 nm. (MW 541.6 with 1 mole H₂O and 1 mole 2-Mercaptoethanol)

Wavelength

296 - 298 nm

Specification: PRD.4.ZQ5.10000018312

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. 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.