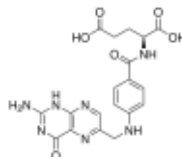


Certificate of Analysis

Product Name:

Folic acid - $\geq 97\%$

Product Number: **F7876**
Batch Number: **WXBF1241V**
Brand: **SIGMA**
CAS Number: **59-30-3**
Formula: **C₁₉H₁₉N₇O₆**
Formula Weight: **441,40 g/mol**
Quality Release Date: **28 JUN 2023**
Recommended Retest Date: **JUN 2025**



Test	Specification	Result
Appearance (Colour)	Faint Yellow to Dark Yellow and Faint Orange to Dark Orange and Yellow-Orange	Orange
Appearance (Form)	Powder	Powder
Solubility (Colour)	Faint Yellow to Dark Yellow and Faint Orange to Dark Orange and Yellow-Orange	Dark Orange
Solubility (Turbidity) 50mg/mL, 1M NaOH	Clear to Very Slightly Hazy	Clear
Water (by Karl Fischer)	$\leq 9 \%$	8 %
Carbon (Anhydrous)	50.4 - 53.0 %	51.5 %
Nitrogen (Anhydrous)	21.6 - 22.8 %	22.2 %
Purity (HPLC)	$\geq 97 \%$	99 %
Proton NMR spectrum	Conforms to Structure	Conforms



Leo Lv
Quality Manager
Wuxi, China CN

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.

