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Typical Product Specifications & Properties

Folic Acid USP/BP

CAS Number: : 59-30-3

Specifications	Limits
Slightly Soluble	in water
Appearance	Yellowish orange crystalline powder having no odor
TLC	Meets BP98
Specific Rotation	~ +20
Water	5 - 8.5%
Residue on Ignition	NMT 0.3%
Sulphated Ash	NMT 0.2%
Organic Volatile Impurities	Meet the requirements method IV(467)
Assay	(by HPLC) (Anhydros basis) : 97 - 102% of C ₁₉ H ₁₉ N ₇ O ₆
Free Amines	< 1/6 Of Absorbance A ₂₅₆
Chromatographic Purity	<2%
Insolubility	in lipid solvs., acetone, alcohol, ether



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Specifications	Limits
Odor	orange-yel. need. or platelets, odorless
Molecular weight	441.45
Solubility	dil. alkali hydroxide, carbonate solns.



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