

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Folic acid, USP grade

ITEM NUMBER: F103637  
BRAND: Aladdin  
CAS NUMBER: 59-30-3  
MDL NUMBER: MFCD00079305  
FORMULA: C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>  
MOLECULAR WEIGHT: 441.40

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Yellow to Orange Powder		
identity	pass		
Ignition residue	0 %	0.3 %	0.3 %
Proton NMR spectrum	Conforms to Structure		
Purity(HPLC)	97 %	100 %	100 %
residual solvents	meets the requirements		
Solubility in 1M NaOH	Yellow to Orange, Clear to Slightly Hazy, 50mg/ml		
Water by Karl Fischer	0 %	8.5 %	8.5 %