



## Technical Data Sheet

**PRODUCT** : FOLIC ACID  
**MOLECULAR FORMULA** :  $C_{19}H_{19}N_7O_6$   
**CAS NO.** : 89-30-3  
**MOLECULAR WEIGHT** : 441.40  
**STANDARD** : BP2000

ITEMS	STANDARD
APPERANCE	A YELLOWISH OR ORANGE CRYSTALLINE POWDER, PRACTICALLY INSOLUBLE IN WATER AND IN MOST ORGANIC SOLVENTS. IT DISSOLVES IN DILUTE ACIDS AND IN ALKALINE SOLUTION
IDENTIFICATION	THE SPECIFIC OPTICAL ROTATION IS ABOUT $+20^\circ$
	THE RATIO OF THE SPECIFIC ABSORBACNE ( $A_{256} : A_{365}$ )
	THIN-LAYER CHROMATOGRAPHY
FREE AMINES	NOT MORE THAN 1/6
WATER	5.0% ~8.5%
SULPHATED ASH	$\leq 0.2\%$
ASSAY (ANHYDROUS SUBSTANCE)	96.0~102.0%

**Vitusa Corp.**

**110 Charlotte Place, P.O. Box 1095, Englewood Cliffs, NJ 07632 USA**  
**TEL: 201-569-0800 - FAX: 201-569-0849 - E-mail: email@vitusa.com**