

## SPECIFICATION SHEET

**Product Name:** Folic acid (Folate) **Catalog #:** L5B01101

**Synonyms:**

FA, N-(4-[[[(2-amino-4-oxo-1,4-dihydropteridin-6-yl)methyl]amino]benzoyl]-L-glutamic acid, pteroyl-L-glutamic acid, vitamin B9, vitamin Bc, vitamin M, folacin, pteroyl-L-glutamate

**Molecular Weight:** 441.40

**Format:** liquid, purified by HPLC

**Purification:** Purified, >95% (HPLC)

**Concentration& Lot.:** 30mg/ml **Lot:** L181101

**Buffer:** 0.2M CBS, pH 9.6

**Preservative:** None

**Description:** Folate, distinct forms of which are known as folic acid, folacin, and vitamin B9, is one of the B vitamins. Synthetic vitamin B9. Tetrahydrofolate precursor. Promotes DNA synthesis and cell division. Shows anti-inflammatory and chemopreventive effects *in vivo*.

**Storage&Shelf life:** Store at -20°C for 3 years. Avoid multiple freeze/thaw cycles.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.