

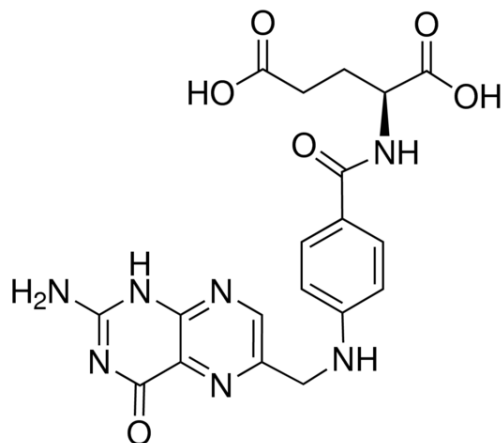
HPLC method for identity, quantification of 1 mg Folic acid (assay and interdose) in tablets.

Folate and folic acid are forms of a water-soluble B vitamin. Folate occurs naturally in food, and folic acid is the synthetic form of this vitamin.

Folic acid is needed for the proper development of the human body. It is involved in producing the genetic material called DNA and in numerous other bodily functions.

Women who are pregnant or might become pregnant take folic acid to prevent miscarriage and “neural tube defects,” birth defects such as spina bifida that occur when the fetus’s spine and back do not close during development. Stringent quality control (GMP) is applied before release to the market of folic acid.

AM-191 is a method for extracting folic acids from tablets and analyzed by LC-UV.



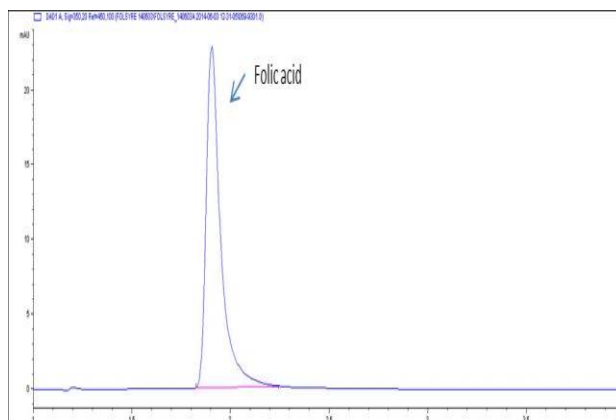
Folic acid

Method details:

- Technique: HPLC-UV
- Sample Matrix: Tablets
- Sample amount: 10 tablets

- Identity: UV match test
- Range: 30-65 µg/ml
- Intra-day precision: 0.7%
- Inter-day precision: 0.61%
- Shipping temp: Room temperature

Chromatogram of Folic acids in tablets



Vitas is a Norwegian GMP certified chemical analysis contract lab, with 20 years experience in providing a high quality, custom chromatographic analytical service based on cutting-edge knowledge and technology.