

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01422
<b>Product</b>	<b>Folic acid dihydrate</b>
<b>Lot Number</b>	002036-2013111701
	Pteroylglutamic acid
<b>CAS Number</b>	75708-92-8
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub> •2H <sub>2</sub> O
<b>Molecular Weight</b>	477.43

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<b>Appearance</b>	Yellow to orange crystalline powder
<b>Bulk density</b>	< 0.30 g/mL
<b>Density</b>	< 0.41 g/ mL (Tapped)
<b>Trace Metal Analysis</b>	< 2 ppm
<b>Water Content (Karl Fisher)</b>	7.9%
<b>pH</b>	Conforms
<b>Yeast and Mold</b>	< 100 cfu/g
<b>UV Ratios</b>	A256/A365 = 2.9
<b>Residual Solvents</b>	< 1000 ppm
<b>E. Coli</b>	Negative
<b>Salmonella</b>	Negative
<b>Mesh Size</b>	100 % pass 100 mesh
<b>Organic Volatile Impurities</b>	Meets the requirements
<b>Related Substances</b>	D-Folic Acid: < 0.5%
<b>Residue On Ignition</b>	0.10%
<b>Assay</b>	98.10%
<b>Grade</b>	USP
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Chromatographic purity: < 2.0% Total Plate Count: < 1000 cfu/g

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**