



Trafa Pharmaceutical Inc.

140 Padgette Street, Unit D

Chicopee, MA 01022, USA

Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880

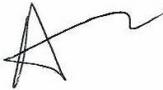
Sales@TrafaPharma.com www.TrafaPharma.com

Specification Sheet

Product Name	5-MethylTetraHydroFolate Calcium
Chemical Formula:	C ₂₀ H ₂₃ CaN ₇ O ₆
Molecular Weight:	497.51792
CAS No	26560-38-3
TESTS	SPECIFICATION
ASSAY	
Assay (HPLC)	≥95%
Calcium (Anhydrous basis)	7.0% - 8.5%
Folate	75%-85%
(6s) - isomer	45.0% - 65.0%
PHYSICAL CONTROL	
Appearance	Powder
Specific Rotation (C=1.5% in water, 25°C)	+14.5 ~ +18.5°
Sulfate	≤0.015%
Chloride	≤0.021%
Water (K-F)	≤17%
Ethanol	<0.5%
2-Propanol	<0.5%
CHEMICAL CONTROL	
Heavy metals	≤10ppm
Arsenic	≤1ppm
Lead (Pb)	NMT 3ppm
Cadmium (Cd)	NMT 1ppm
Mercury (Hg)	NMT 0.1ppm
Boron	NMT 3 ppm
Platinum	NMT 1 ppm
MICROBIOLOGICAL CONTROL	
Total plate Count	≤1000cfu/g
Total Yeast & Mold	≤100cfu/g
Salmonella	Negative
E.Coli	Negative
IMPURITIES	
4-Aminobenzoyl glutamic acid	Not more than 0.5%
4a-Hydroxy-5-methyl-tetrahydrofolic acid	Not more than 1.0%
(6R)-Mefox and (6S)-Mefox	Not more than 1.0%
Tetrahydrofolic acid	Not more than 0.5%
7,8-Dihydrofolic acid	Not more than 0.5%

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____


 Abdullah Malik (QA)



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5,10-Methylenetetrahydrofolic acid.	Not more than 0.5%
Folic acid	Not more than 0.5%
5-Methyltetrahydrofolic acid	Not more than 0.5%
Dimethyltetrahydrofolic acid	Not more than 0.15%
Total impurities.	Not more than 2.5%
D-5-methyltetrahydrofolate.	Not more than 1.0%

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Reviewed by : _____

A handwritten signature in black ink, appearing to be "Abdullah Malik", written over a horizontal line.

Abdullah Malik (QA)