



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214334
Lot Number: SAMPLE
Product Name: 5-Methyltetrahydrofolic acid disodium salt
CAS Number: 68792-52-9
Molecular Formula: $C_{20}H_{23}N_7O_6 \cdot 2Na$
Molecular Weight: 503.42

Test	Specification	Result
Appearance	Faint Yellow to Very Dark Yellow and Faint Beige to Very Dark Beige powder	Dark Yellow Powder
Identification (1H-NMR)	Consistent with structure	Complies
Solubility	Very Light Yellow to Yellow and Very Light Green-Yellow to Green-Yellow and clear solution at 25 mg/ml in water	Green-Yellow and clear solution at 25 mg/ml in water
Absorbance	≥ 88 (anhydrous) Based on EmM at 290 nm = 30.8	92
Sodium (ICP)	7.1 - 11.1 %	10.0 %
Water Content (KF)	$\leq 18\%$	10%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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