

## TECHNICAL DATA SHEET

Product code 020081  
 Product Calcium L-5-methyltetrahydrofolate  
 Specification 95.0% to 102.0%  
 CAS Number 151533-22-1  
 Molecular Formula  $C_{20}H_{23}CaN_7O_6$

Items	Specifications
Appearance	White to light yellowish powder
Identification	Infrared absorption
	Tests for Calcium
	The retention time of the principle peak in HPLC conforms with that of the standard.
Calcium	7.0%~8.5%
Water	6.0% to 17.0%
Heavy metal	≤20ppm
Elemental impurities	Chloride≤0.5%
	Boron≤50ug/g
	Platinum≤10ug/g
	Arsenic≤1.5ug/g
	Cadmium≤0.5ug/g
	Lead≤1.0ug/g
	Mercury≤1.5ug/g
D-5-Methylfolate	≤1.0%
Residual solvent	Ethanol≤5000ppm
	2-Propanol≤5000ppm
Related substances	Impurity a ≤0.5%
	Impurity b ≤1.0%
	Impurity c+d ≤1.0%
	Impurity e ≤0.5%
	Impurity f ≤0.5%
	Impurity g ≤0.5%
	Impurity h ≤0.5%
	Impurity i ≤0.5%
	Impurity j ≤0.15%
	Total Impurities≤2.5%
5-Methyltetrahydroloate	72.0% to 82.0%
Assay	95.0% to 102.0%
Total plate count	≤1000cfu/g
Yeast and mold	≤100cfu/g
Salmonella	Absent
E. coil	Absent
Staphylococcus aureus	Absent
Pseudomonas aeruginosa	Absent
Candida ablicans	Absent
Clostridia	Absent

Net weight: 25kgs/Drum or Carton;

Gross weight: 27.5Kgs±0.5kg

Packing size: Drum.I.D.35×H51cm; Carton 36cm×36cm×45cm

24 months under 30℃ in a well-closed container and away from moisture, light, oxygen.