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DATA SHEET

Version: 03 | Date: August 26, 2009

Product: **Vitamin B12 1.0% Stablets**

Product Code: 847510001, 847510005,847510025

Description Vitamin B12 1% Stablets is a complex of USP grade cyanocobalamin (vitamin B12) and Pharmaceutical grade resin, which provides a very stable oral dosage form of Vitamin B12. Complexing Vitamin B12 with resin protects the B12 from oxidants and minerals that may be present in tablets. Vitamin B12 1% Stablets is a neutral tasting B12 delivery system. Free vitamin B12 is released from the complex in the digestive system, not the mouth.

Appearance Pink, homogenous powder.

Odor Characteristic.

Application Suitable for use in the manufacture of tablets and food premixes such as children's chewable tablets.

Certifications Licensed by the FDA for Food Distribution, non GMO & allergen free.

Country of Origin USA

Kosher Vitamin B12 1% Stablets has been certified OU Kosher.

Halal Vitamin B12 1% Stablets has been certified Halal by IFANCA.

Stability & Storage Physically & chemically stable, with a 3 year shelf life when stored below 15℃ in original packaging. For optimum stability, storage at 4℃ is recommended. Minimize exposure to light, heat, oxygen and humidity. Open or partial containers should be resealed and stored under recommended conditions.

Chemical & Physical Analysis		Microbial Evaluation	
Vitamin B12	Min 10mg/g (1%)	Total plate count	Less than 1,000/gr
Resin	Min 990mg/g (99%)	Coliforms	Less than 10/gr
Water Content	LT 10 %	E. Coli	Negative in 10 gr
Heavy metals	< 10 ppm (USP Method)	Salmonella	Negative in 10 gr
• Lead	≤ 5 ppm (ICP Analysis)	Ps. aeroginosa	Negative in 10 gr
• Arsenic	≤ 2 ppm (ICP Analysis)		
• Hg	≤ 1 ppm (ICP Analysis)		
• Cadmium	≤ 1 ppm (ICP Analysis)		

Mesh Size maximum 3% on No. 100 U.S. STD Sieve

Packaging Available in fiber drums or cardboard cartons with resealable double polyethylene liners in quantities of 1 kg, 5kg & 25kg.

Ingredients Vitamin B12 & Resin (Amberlite IRP-64)