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DATA SHEET	Version: 01	Date: Sept 24th, 2008
Product: **Phytonadione 1.0% on Mannitol**	Product Code: 552300001, 552300005, 552300025	

Description Phytonadione 1.0% on Mannitol is a pale yellow, homogenous powder. The manufacturing process uses Phytonadione USP and Mannitol.

Appearance pale yellow powder.

Odor Characteristic.

Application Suitable for use in the manufacture of tablets, two-piece hard-shell capsules, and food premixes.

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

Kosher Phytonadione 1.0% on Mannitol has been certified Kosher by the Orthodox Union (OU).

Halal Phytonadione 1.0% on Mannitol has been certified Halal by IFANCA.

Stability & Storage Physically & chemically stable, with a 2 year shelf life when stored below 15°C in original packaging. For optimum stability, storage at 4°C 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	
Phytonadione	Min 10mg/g (1%)	Total plate count	Less than 1,000/gr
Mannitol	Min 990mg/g (99%)	Coliforms	Less than 10/gr
Water Content	LT 1%	E. Coli	Negative in 10 gr
Heavy metals	< 10 ppm (USP Method)	Salmonella	Negative in 10 gr
• Lead	≤ 5 ppm (ICP Analysis)	Yeast and mold	Less than 100 /gr
• Arsenic	≤ 2 ppm (ICP Analysis)		
• Hg	≤ 1 ppm (ICP Analysis)		
• Cadmium	≤ 1 ppm (ICP Analysis)		

Mesh Size 100% through No. 80 U.S. STD Sieve.

Packaging Available in fiber drums with resealable double polyethylene liners in quantities of 1 kg, 5 kg and 25kg.

Ingredients Phytonadione & Mannitol USP.