LYCORED	LycoRed Corp 377 Crane Street Orange, NJ 07050 Tel: +877 LYCORED +1-973-882-0322 Fax: +1-973-882-0323 info@us.lycored.com www.lycored.com

DATA SHEET		Version: 02	Date: June 2nd , 2009
Product:	**Lutein Ester Beads 10% XB**	Product Code: 43950001, 43950005, 43950025,	

Description Natural Lutein Ester Beads 10% XB is a dry source of stabilized Lutein and Zeaxanthin extracted from marigold and stabilized in an all natural porcine gelatin matrix. The ratio of Lutein to Zeaxanthin is as it occurs in nature.

Appearance Orange brown beadlets

Odor Characteristic

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

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

Kosher Lutein Ester Beads 10% XB has been certified Kosher by Rabbi Sheldon Goldsmith, New York.

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**	
Total Carotenoid	Min5 52.5 mg/g (	Total plate count	Less than 1,000/gr
Lutein	Min 10mg/g	Coliforms	Less than 10/gr
Zeaxanthin	Min 2.5 mg/g (	E. Coli	Negative in 10 gr
Water Content	Max 8%	Salmonella	Negative in 10 gr
Heavy metals	< 10 ppm (USP Method)	Yeasts/Molds	Less than 100/gr
• Lead	≤ 5 ppm (ICP Analysis)		
• Arsenic	≤ 2 ppm (ICP Analysis)		
• Hg	≤ 1 ppm (ICP Analysis)		

Mesh Size 100% through No. 20 U.S. STD Sieve

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