

## Certificate of Analysis

### QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Sep. 18, 2017                      Product: B-Care Slow Release Capsules  
 Product Code: 5HH003                      Lot No.: 5178001                      Manufacture Date: Aug. 14, 2017

Active Ingredients <i>*Base on Input</i>	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B5 (D-Calcium Pantothenate)	50.00 mg	*
Choline Bitartrate	50.00 mg	*
Inositol	50.00 mg	*
L-Arginine	50.00 mg	*
HVP Chelated Zinc	30.00 mg	*
HVP Chelated Iron	10.00 mg	*
American Ginseng Extract	10.00 mg	*
Vitamin B12 (Cyanocobalamin)	400.00 mcg	*
Vitamin B9 (Folic Acid)	400.00 mcg	*
Vitamin H (Biotin)	80.00 mcg	*

*Excipients: Microcrystalline cellulose, Hydroxypropyl Methylcellulose, Guar Gum*

### Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear/Clear #0 capsule with imprint "VIVA-B" on both caps and bodies and filled with white and yellow beadlet	Conforms	Visual
Filling Weight Variation	550.00 mg/capsule +/-10%	563.35 mg/unit CV = 2.14%	USP <2091>
Disintegration	NMT 30 minutes	22 minutes and 22 seconds	USP <2040>
Heavy Metal	NMT 10 ppm	< 10 ppm	ICP

### Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>

## Nutrition Values\*\*

per unit

Energy	2.0 kcal
Carbohydrate	482.5 mg
Protein	10.0 mg
Fat (Oil)	0.1 mg
Sodium	0.6 mg



Quality Control

09/18/2017

Date