

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Aug. 11, 2024 Product: Gilgang Viva B50 Softgels
 Product Code: 201668 Lot No.: 22405132 Manufacture Date: Jul. 22, 2024

Active Ingredients <i>*Base on Input</i>	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
North American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soy Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VIVA B" containing yellow paste	Conforms	Visual
Average Fill Weight	925.752 mg ± 10%	907.63 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 Minutes	7 min	USP <2040>
Shell Moisture Content	6% - 10%	7.9%	USP <731>

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	Conforms	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	Conforms	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>



Quality Control

08/11/2024

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: July 10, 2023 Product: Gilgang Viva B50 Softgels
 Product Code: 201668 Lot No.: 22305131 Manufacture Date: Jun.28, 2023

Active Ingredients <i>*Base on Input</i>	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soya Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VIVA B" containing yellow paste	Conforms	Visual
Average Fill Weight	925.752 mg ± 10%	920.410 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 Minutes	2 min 5 sec	USP <2040>
Shell Moisture Content	6% - 10%	6.9 %	USP <731>

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	Conforms	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	Conforms	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>



Quality Control

07/10/2023

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: November 28, 2022 Product: Gilgang Viva B50 Softgels
 Product Code: 201668 Lot No.: 22209140 Manufacture Date: Nov.12, 2022

Active Ingredients *Base on Input	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
North American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soy Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VIVA B" containing yellow paste	Conforms	Visual
Average Fill Weight	925.752 mg ± 10%	911.650 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 Minutes	4min 45sec	USP <2040>
Shell Moisture Content	6% - 10%	6.02%	USP <731>

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	Conforms	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	Conforms	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>



 Quality Control

11/28/2022

 Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: August 24, 2021 Product: Gilkang Viva B50 Softgels
 Product Code: 201668 Lot No.: 22107125 Manufacture Date: August 04, 2021

Active Ingredients *Base on Input	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
North American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soy Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VB NO2" containing yellow paste	Conforms	Visual
Average Fill Weight	925.752 mg ± 10%	908.360 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 Minutes	3min 48sec	USP <2040>
Shell Moisture Content	6% - 10%	7%	USP <731>

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	Conforms	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	Conforms	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>



Quality Control

08/24/2021

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: October 28, 2020 Product: Gilkang Viva B50 Softgels
 Product Code: 201668 Lot No.: 22006344 Manufacture Date: July 23, 2020

Active Ingredients *Base on Input	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
North American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soy Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VB NO2" containing yellow paste	Conforms	Visual
Average Fill Weight	925.752 mg/per unit ± 10%	921.440 mg	USP <2091>
Rupture Test	NMT 15 Minutes	5 min 29 sec	USP <2040>
Shell Moisture Content	6% - 10%	8%	USP <731>

Microbiological Analysis

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

Viva[®] Pharmaceutical Inc.

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Pseudomonas aeruginosa	Negative	Negative	USP <62>
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Quality Control

10/28/2020

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: April 15, 2020 Product: Gil kang Viva B50 Softgels
 Product Code: 201668 Lot No.: 22001336 Manufacture Date: February 06, 2020

Active Ingredients *Base on Input	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Vitamin B3 (Nicotinamide)	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
North American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soy Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VB NO2" containing yellow paste	Conforms	Visual
Average Fill Weight	925.752 mg/per unit \pm 10%	924.650 mg	USP <2091>
Rupture Test	NMT 15 Minutes	7 minutes 38 seconds	USP <2040>
Shell Moisture Content	6% - 10%	8%	USP <731>

Microbiological Analysis

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

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Pseudomonas aeruginosa	Negative	Negative	USP <62>
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Quality Control

04/15/2020

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: September 12, 2019 Product: Gil kang Viva B50 Softgels
 Product Code: 201668 Lot No.: 21811222 Manufacture Date: August 15, 2019

Active Ingredients *Base on Input	per unit	Result
Vitamin B1 (Thiamine Mononitrate)	50.00 mg	*
Vitamin B2 (Riboflavin)	50.00 mg	*
Nicotinamide	50.00 mg	*
Vitamin B6 (Pyridoxine Hydrochloride)	50.00 mg	*
DL- Methionine	50.00 mg	*
Inositol	30.00 mg	*
Choline Bitartrate	30.00 mg	*
Zinc HVP Chelate (Containing Zinc 20%)	20.00 mg	*
Vitamin E (D-Alpha Tocopherol) (1,000IU/G, 20.00 mg = 20.00 IU) (D-Alpha Tocopherol ---67.1%, Soybean Oil ---32.9%)	20.00 mg	*
Iron HVP Chelate (Containing Iron 20%)	10.00 mg	*
American Ginseng Extract	5.00 mg	*
Turmeric Root Extract	5.00 mg	*
Folic Acid	250.00 mcg	*
Vitamin B12 (Cyanocobalamin)	100.00 mcg	*
Biotin	50 mcg	*

Excipients: Soybean Oil, Yellow Beeswax, Soy Lecithin

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Carob oblong #16 softgel with laser print "VB NO2" containing yellow paste	Conforms	Visual
Filling Weight Variation	925.752 mg/per unit \pm 10%	929.300 mg/per unit CV=0.75%	USP <2091>
Rupture Test	NMT 15 Minutes	2 minutes 43 seconds	USP <2040>
Shell Moisture Content	6% - 10%	7%	USP <731>

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	75 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	7.50 kcal
Protein	442.50 mg
Fat (Oil)	192.30 mg
Saturated Fat	554.40 mg
Trans Fat	0.40 mg
Carbohydrate	0.0 mg
Sugar	73.50 mg
Sodium	143.60 mg



 Quality Control

11/25/2019

 Date