

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: March 24, 2025 Product: Gilkang Viva Vitamin D3 800 IU Softgels
Product Code: 202467 Lot No.: 22502144 Manufacture Date: Mar. 06, 2025

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*

Excipients: Olive Oil

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear Oval #3 Softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg $\pm$ 10%	148.81 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP <2091>
Rupture Test	NMT 15 minutes	Conforms	USP <2040>
Shell Moisture	6% - 10%	6.0%	USP <731>
Heavy Metal*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 5 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 1 ppm		

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

03/24/2025

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Oct. 25, 2024 Product: Gilgang Viva Vitamin D3 800 IU Softgels
 Product Code: 201714 Lot No.: 22409434 Manufacture Date: Sep. 30, 2024

Active Ingredients <i>*Base on Input</i>	per unit	Result
Vitamin D3 (Cholecalciferol)	800 IU	*
Olive Oil	149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg/capsule +/-10%	148.71 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 minutes	Conforms	USP<2040>
Shell Moisture	6% - 10%	6.2%	USP <731>
Heavy Metals*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 1 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 5 ppm		

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

10/14/2024

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Jan. 25, 2024 Product: Gilkang Viva Vitamin D3 800 IU Softgels
 Product Code: 201714 Lot No.: 22312239 Manufacture Date: Dec. 23, 2023

Active Ingredients <i>*Base on Input</i>	per unit	Result
Vitamin D3 (Cholecalciferol)	800 IU	*
Olive Oil	149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg/capsule +/-10%	149.390 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 minutes	Conforms	USP<2040>
Shell Moisture	6% - 10%	8%	USP <731>
Heavy Metals*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 1 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 5 ppm		

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>



01/25/2024

Quality Control

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: February 24, 2023 Product: Gilkang Viva Vitamin D3 800 IU Softgels
Product Code: 201714 Lot No.: 22301139 Manufacture Date: Feb. 10, 2023

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*
Olive Oil		149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg/capsule +/-10%	149.330 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 minutes	Conforms	USP<2040>
Shell Moisture	6% - 10%	8%	USP <731>
Heavy Metals*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 1 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 5 ppm		

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>



02/24/2023

Quality Control

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: July 14, 2022 Product: Gilgang Viva Vitamin D3 800 IU Softgels
Product Code: 201714 Lot No.: 22205236 Manufacture Date: Jun, 11, 2022

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*
Olive Oil		149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg/capsule +/-10%	150.75 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 minutes	Conforms	USP<2040>
Shell Moisture	6% - 10%	8%	USP <731>
Heavy Metals*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 1 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 5 ppm		

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>



07/14/2022

Quality Control

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: January 25, 2022 Product: Gilkang Viva Vitamin D3 800IU Softgels
Product Code: 201714 Lot No.: 22112138 Manufacture Date: Jan, 11, 2022

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*
Olive Oil		149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg/capsule +/-10%	148.090 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 minutes	Conforms	USP<2040>
Shell Moisture	6% - 10%	6%	USP <731>
Heavy Metals*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 1 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 5 ppm		

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

01/25/2022

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: August 04, 2021 Product: Gilkang Viva Vitamin D3 800IU Softgels
 Product Code: 201714 Lot No.: 22106142 Manufacture Date: July 09, 2021

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*
Olive Oil		149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Average Fill Weight	149.880 mg/capsule +/-10%	149.349 mg	USP <2091>
Weight Variation	Meets USP requirements	Conforms	USP<2091>
Rupture Test	NMT 15 minutes	Conforms	USP<2040>
Shell Moisture	6% - 10%	8%	USP <731>
Heavy Metals*	NMT 20 ppm	Conforms	ICP
Arsenic	NMT 2 ppm		
Cadmium	NMT 1 ppm		
Lead	NMT 1 ppm		
Mercury	NMT 5 ppm		

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

08/04/2021

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: August 18, 2020 Product: Gilgang Viva Vitamin D3 800 IU Softgels
 Product Code: 201625 Lot No.: 22910244 Manufacture Date: May 25, 2020

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*
Olive Oil		149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Filling Weight Variation	149.880 mg/capsule +/-10%	151.650 mg/per unit	USP <2091>
Rupture Test	NMT 15 Minutes	Conforms	USP <2040>
Shell Moisture Content	5% to 10%	10%	USP <731>
Heavy Metals	Heavy Metals NMT 20 ppm As NMT 2 ppm Cd NMT 1 ppm Hg NMT 1 ppm Pb NMT 5 ppm	Conforms	ICP

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

08/18/2020

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: December 04, 2019 Product: Gilkang Viva Vitamin D3 800 IU Softgels
 Product Code: 201625 Lot No.: 21910244 Manufacture Date: November 01, 2019

Active Ingredients	*Base on Input	per unit	Result
Vitamin D3 (Cholecalciferol)		800 IU	*
Olive Oil		149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Filling Weight Variation	149.880 mg/capsule +/-10%	151.650 mg/per unit	USP <2091>
Rupture Test	NMT 15 Minutes	Conforms	USP <2040>
Shell Moisture Content	5% to 10%	10%	USP <731>
Heavy Metals	Heavy Metals NMT 20 ppm As NMT 2 ppm Cd NMT 1 ppm Hg NMT 1 ppm Pb NMT 5 ppm	Conforms	ICP

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>

Nutrition Values**

per unit

Energy	1.9 kcal
Protein	97.5 mg
Fat (Oil)	149.1 mg
Saturated Fat	0.0 mg
Trans Fat	0.0 mg
Carbohydrate	50.3 mg
Sugar	0.0 mg
Sodium	0.2 mg



Quality Control

12/04/2019

Date

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: April 05, 2018

Product: Gilgang Viva Vitamin D3 800 IU Softgels

Product Code: 201625

Lot No.: 21803243

Manufacture Date: Mar. 22, 2018

Active Ingredients *Base on Input

	per unit	Result
Vitamin D3 (Cholecalciferol)	800 IU	*
Olive Oil	149.20 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Clear oval #3 softgel containing yellow oil	Conforms	Visual
Filling Weight Variation	149.880 mg/capsule +/-10%	154.200 mg/unit CV=1.022%	USP <2091>
Rupture Test	NMT 15 Minutes	2 minutes 25 seconds	USP <2040>
Shell Moisture Content	5% to 10%	7%	USP <731>

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 25 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	1.9 kcal
Protein	97.5 mg
Fat (Oil)	149.1 mg
Saturated Fat	0.0 mg
Trans Fat	0.0 mg
Carbohydrate	50.3 mg
Sugar	0.0 mg
Sodium	0.2 mg



Quality Control

04/05/2018

Date