

Certificate of Analysis

Product Name: Dietary Supplement Product (BK Cocoa Brand)

Lot Number: 24072302

Date of Manufacture: 24-07-2023

Expiration Date: 23-07-2023

Lot Number: 24072301

Date of Manufacture: 24-07-2023

Expiration Date: 23-07-2023

Test	Item	Specification	Method	Results
Microbiological characteristics	1. Aerobic Plate Count	≤ 20,000 CFU/g	BAM, Chapter 3, January 2001	✓
	2. Yeasts & Molds	≤ 200 CFU/g	BAM, Chapter 18, April 2001	✓
	3. <i>Escherichia coli</i>	< 3 MPN/g	BAM, Chapter 4, October 2020	✓
	4. Coliforms	< 3 MPN/g	BAM, Chapter 4, October 2020	✓
	5. <i>Staphylococcus aureus</i>	< 3 MPN/g	BAM, Chapter 12, March 2016	✓
	6. <i>Staphylococcus aureus</i>	Not Detected per 0.1 g	BAM, Chapter 12, March 2016	✓
	7. <i>Salmonella</i> spp.	Not Detected per 25 g	ISO 6579-1:2017/Amd.1:2020	✓
	8. <i>Clostridium</i> spp.	Not Detected per 0.1 g	USP 43/NF 38:2020	✓
Chemical characteristics	1. Illegal Adulterant			
	Sibutramine	Not Detected	LC-MS QTOF	✓
	Fluoxetine	Not Detected	LC-MS QTOF	✓
	Fenfluramine	Not Detected	LC-MS QTOF	✓
	Bisacodyl	Not Detected	LC-MS QTOF	✓
	Orlistat	Not Detected	LC-MS QTOF	✓
	Sildenafil	Not Detected	LC-MS QTOF	✓
	2. Pesticide			
	Carbamate group	Not Detected	LC-MS QTOF	✓
	Organophosphate group	Not Detected	LC-MS QTOF	✓
	Organochlorine group	Not Detected	LC-MS QTOF	✓
	Pyrethroid group	Not Detected	LC-MS QTOF	✓
	3. Aflatoxin	Not Detected	LC-MS QTOF	✓
	4. Preservative			
	Salicylic acid	Not Detected	LC-MS QTOF	✓
	Ethyl paraben	Not Detected	LC-MS QTOF	✓
	Benzoic acid	Not Detected	LC-MS QTOF	✓
Heavy Metal characteristics	1. Arsenic	≤ 2 mg/Kg	USP-NF (232),(233)	✓
	2. Cadmium	≤ 0.3 mg/Kg	USP-NF (232),(233)	✓
	3. Mercury	≤ 0.5 mg/Kg	USP-NF (232),(233)	✓
	4. Lead	≤ 1 mg/Kg	USP-NF (232),(233)	✓



The report apply to the sample as received.

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Approved by

Pongsakorn