

CERTIFICATE OF ANALYSIS

Product: Cocoa Butter - Ultra Refined, Deodorized

Lot No.: 16099A10619

Best Before: June, 2022

Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Soft white solid fat.	Complies
Odor:	Minor to no odor	Complies
Solubility:	Insoluble in water.	Complies
Saponification value:	192 - 200	Complies
Moisture content:	< 0.1 %	Complies
Free fatty acids:	< 0.10 %	Complies
Melting Range:	33 - 34°C	Complies
Iodine Value:	33 - 42	Complies
Palmitic Acid:	21 - 29 %	Complies
Stearic Acid:	31 - 39 %	Complies
Oleic Acid:	31 - 38 %	Complies
Linoleic Acid:	1.5 - 5 %	Complies

**Disclaimer & Caution**

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## CERTIFICATE OF ANALYSIS

**Product:** Cocoa Butter - Ultra Refined, Deodorized

**Lot No.:** 16099A10420

**Best Before:** April, 2022

Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Soft white solid fat.	Complies
Odor:	Minor to no odor	Complies
Solubility:	Insoluble in water.	Complies
Saponification value:	192 - 200	Complies
Moisture content:	< 0.1 %	0.02
Free fatty acids:	< 0.10 %	0.05
Melting Range:	33 - 34°C	Complies
Iodine Value:	33 - 42	34.3
Palmitic Acid:	21 - 29 %	25.1
Stearic Acid:	31 - 39 %	36.9
Oleic Acid:	31 - 38 %	33.2
Linoleic Acid:	1.5 - 5 %	2.9

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## CERTIFICATE OF ANALYSIS

**Product:** Cocoa Butter - Ultra Refined, Deodorized  
**Lot No.:** 16099A00119  
**Best Before:** February, 2022  
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Soft white solid fat.	Complies
Odor:	Minor to no odor	Complies
Solubility:	Insoluble in water.	Complies
Saponification value:	192 - 200	Complies
Moisture content:	< 0.1 %	Complies
Free fatty acids:	< 0.10 %	Complies
Melting Range:	33 - 34°C	Complies
Iodine Value:	33 - 42	Complies
Palmitic Acid:	21 - 29 %	Complies
Stearic Acid:	31 - 39 %	Complies
Oleic Acid:	31 - 38 %	Complies
Linoleic Acid:	1.5 - 5 %	Complies

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## CERTIFICATE OF ANALYSIS

**Product:** Cocoa Butter - Ultra Refined, Deodorized  
**Lot No.:** 16099 - A08-1,B08-1  
**Best Before:** November, 2020  
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Soft white solid fat.	Complies
Odor:	Minor to no odor	Complies
Solubility:	Insoluble in water.	Complies
Saponification value:	192 - 200	Complies
Moisture content:	< 0.1 %	Complies
Free fatty acids:	< 0.10 %	Complies
Melting Range:	33 - 34°C	Complies
Iodine Value:	33 - 42	Complies
Palmitic Acid:	21 - 29 %	Complies
Stearic Acid:	31 - 39 %	Complies
Oleic Acid:	31 - 38 %	Complies
Linoleic Acid:	1.5 - 5 %	Complies

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## CERTIFICATE OF ANALYSIS

**Product:** Cocoa Butter - Ultra Refined, Deodorized  
**Lot No.:** 16099 - A07-2  
**Best Before:** October, 2020  
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White and smooth in touch.	Complies
Odor:	No odor.	Complies
Solubility:	Insoluble in water.	Complies
Saponification value:	192 - 200	Complies
Moisture content:	< 0.1 %	Complies
Free fatty acids:	< 0.10 %	Complies
Melting Range:	33 - 34°C	Complies
Iodine Value:	33 - 42	Complies
Palmitic Acid:	21 - 29 %	Complies
Stearic Acid:	31 - 39 %	Complies
Oleic Acid:	31 - 38 %	Complies
Linoleic Acid:	1.5 - 5 %	Complies

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