

## Technical Data Sheet

<b>Name</b>	TrueGold cocoa powder	
<b>Producer</b>	Olam Cocoa BV	
	<ul style="list-style-type: none"> <li>Stationsstraat 76, 1541LJ Koog aan de Zaan, The Netherlands</li> <li>Veerdijk 18, 1531MS Wormer, The Netherlands</li> </ul>	
<b>Nomenclature</b>	According to European Directive 2000/36/EC:	Cocoa powder
	According to Codex STAN 105-1981, Rev. 1-2001:	Cocoa powder
	According to 21CFR 163.113:	Cocoa

### Composition **Cocoa**

#### Organoleptic Characteristics

Parameter	Value	Method
Colour	Meets standard	Internal method
Flavour	Meets standard	ICA 6/1963

#### Physical and Chemical characteristics

Parameter	Value	Method
Fat content	20.0 – 22.0%	ICA 37/1990 (Extraction with petroleum ether)
pH (in 10% solution)	5.2 – 6.0	ICA 15/1972
Fineness (through 75 µm sieve)	99.5% min.	ICA 38/1990 (Water suspension)
Moisture content	5.0% max.	ICA 1/1952

#### Microbiological characteristics

Parameter	Value	Method
Standard Plate Count (cfu/g)	5000 max. (median 300)	ICA 39/1990
Moulds (cfu/g)	50 max. (median 5)	ICA 39/1990
Yeasts (cfu/g)	50 max. (median 5)	ICA 39/1990
Enterobacteriaceae (per g)	Negative to test	ICA 39/1990
E. coli (per g)	Negative to test	ICA 39/1990
Salmonella (per 4x375g)*	Negative to test	ICA 39/1990

\* Sampled according to the US FDA Bacteriological Analytical Manual for Foods, Food Category I

A certificate of analysis is supplied with each product lot shipped.

**EN** Storage – see back of pack. **FR** Stockage - voir au dos de l'emballage. **DE** Lagerung - siehe Packungsrückseite. **NL** Opslag - zie achterkant verpakking. **DA** Opbevaring - se bagsiden af pakken. **IT** Conservazione: vedere sul retro della confezione. **ES** Almacenamiento: ver el reverso del paquete. **PT** Armazenamento - veja o verso da embalagem. **GR** Αποθήκευση - δείτε το πίσω μέρος της συσκευασίας. **SV** Förvaring - se baksidan av förpackningen **PL** Przechowywanie - patrz tył opakowania. **RO** Depozitare - vezi spatele ambalajului.

**EN** Best before – see front of pack. **FR** À consommer de préférence avant - voir le devant de l'emballage. **DE** Haltbarkeit - siehe Packungsvorderseite. **NL** Ten minste houdbaar tot - zie voorkant verpakking. **DA** Bedst før - se forsiden af pakken. **IT** Da consumarsi preferibilmente prima - vedere la parte anteriore della confezione. **ES** Mejor antes: ver el frente del paquete. **PT** Melhor antes - veja a frente da embalagem. **GR** Καλύτερο πριν - δείτε το μπροστινό μέρος του πακέτου. **SV** Bäst innan - se framsidan av förpackningen. **PL** Najlepiej spożyć przed - patrz przód opakowania. **RO** Cel mai bun înainte - consultați partea din față a ambalajului.



### Olam International Limited

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## Allergens and sensitizers information

**Name** TrueGold cocoa powder

**Producer** Olam Cocoa BV

- Stationsstraat 76, 1541LJ Koog aan de Zaan, The Netherlands
- Veerdijk 18, 1531MS Wormer, The Netherlands

Declarable allergens EU <sup>1</sup> and USA <sup>2</sup>	Part of recipe	Used on shared line	As raw material in factory	Comments
<b>Gluten</b>	No	No	No	<20 ppm gluten
- Wheat	No	No	No	
- Rye	No	No	No	
- Barley	No	No	No	
- Oats	No	No	No	
- Spelt	No	No	No	
- Kamut	No	No	No	
Crustaceans	No	No	No	
Egg	No	No	No	
Fish	No	No	No	
Peanuts	No	No	No	
Soy <sup>3</sup>	No	No	No	
Milk	No	No	No	
<b>(Tree) Nuts</b>	No	No	No	
- Almonds	No	No	No	
- Hazelnuts	No	No	No	
- Walnuts	No	No	No	
- Cashews	No	No	No	
- Pecan nuts	No	No	No	
- Brazil nuts	No	No	No	
- Pistachio nuts	No	No	No	
- Macademia/Queensland nuts	No	No	No	
- Beech nut	No	No	No	
- Butter nut	No	No	No	
- Chestnut	No	No	No	
- Chinquapin	No	No	No	
- Coconut	No	No	No	
- Ginkonut	No	No	No	
- Hickory nut	No	No	No	
- Lichee nut	No	No	No	
- Pine nut	No	No	No	
- Pistachio	No	No	No	
- Sheanut	No	No	No	
Celery	No	No	No	
Mustard	No	No	No	
Sesame	No	No	No	
Sulphur dioxide and sulphites (expressed as SO <sub>2</sub> ) >10ppm	No	No	No	+/- 2ppm present by nature, none added
Lupin	No	No	No	
Molluscs	No	No	No	

## Allergens and sensitizers information

<b>Additional allergens EU: LeDa list v2.0 – 2011</b>	<b>Part of recipe</b>	<b>Used on shared line</b>	<b>As raw material in factory</b>	<b>Comments</b>
Lactose	No	No	No	
Cocoa	Yes	Yes	Yes	The product is cocoa
Glutamate (E620 – E625)	No	No	No	Natural presence of glutamic acid in/from the cocoa protein, none added
Corn/maize	No	No	No	
Legumes	No	No	No	
Beef	No	No	No	
Pork	No	No	No	
Carrot	No	No	No	
<b>Additional allergens – Japan: CAA list – 2013</b>	<b>Part of recipe</b>	<b>Used on shared line</b>	<b>As raw material in factory</b>	<b>Comments</b>
Abalone	No	No	No	
Chicken (poultry)	No	No	No	
Crab	No	No	No	
Gelatin	No	No	No	
Mackarel				
Shrimp/prawn	No	No	No	
Salmon	No	No	No	
Salmon roe	No	No	No	
Squid	No	No	No	
Apples	No	No	No	
Banana				
Kiwifruit	No	No	No	
Manggo	No	No	No	
Oranges	No	No	No	
Peaches	No	No	No	
Mushrooms	No	No	No	
Yams	No	No	No	
Buckwheat	No	No	No	
<b>Other substances of potential interest</b>	<b>Part of recipe</b>	<b>Used on shared line</b>	<b>As raw material in factory</b>	<b>Comments</b>
Animal products (other)	No	No	No	
Antioxidants	No	No	No	Natural presence of antioxidants, none added
<b>Artificial (AZO) colors</b>	No	No	No	
- E102 Tartrazine	No	No	No	
- E104 Quinoline yellow	No	No	No	
- E110 Sunset Yellow FCF Orange Yellow S	No	No	No	
- E122 Azorubine	No	No	No	
- E124 Ponceau 4R Cochineal Red A	No	No	No	
- E129 Allura Red AC	No	No	No	
- Other	No	No	No	
Artificial sweeteners	No	No	No	

## Allergens and sensitizers information

Benzoic acid and parabens (E210 – E219)	No	No	No	Approximately 8ppm benzoic acid present by nature, none added
BHA/BHT	No	No	No	
Cottonseed flour	No	No	No	
Flavors (artificial and/or natural)	No	No	No	
Latex	No	No	No	
Leguminosae	No	No	No	
Phenylalanine	No	No	No	Natural presence in the cocoa protein, none added
Phosphates	No	No	No	
Preservatives (added)	No	No	No	
Sorbic acid	No	No	No	
<b>Spices</b>	No	No	No	
- Cinnamon	No	No	No	
- Coriander	No	No	No	
- Vanilla	No	No	No	
- Cardamom	No	No	No	
- Clove	No	No	No	
- Nutmeg	No	No	No	
Vanillin	No	Yes	Yes	Possible traces due to cross contamination
<b>Sugars</b>	No	No	No	Natural presence, none added
- Saccharose (sucrose)	No	No	No	
- Glucose	No	No	No	
- Fructose	No	No	No	
Umbelliferae	No	No	No	
Vegetable extracts	No	No	No	
Vegetable protein	No	No	No	Cocoa contains protein by nature, none added
Vitamins	No	No	No	Naturally present, none added
Yeast	No	No	No	

<sup>1</sup> EU: Regulation 1169/2011

<sup>2</sup> USA: Food Allergen Labeling and Consumer Protection Act of 2004 (Public Law 108-282, Title II)

<sup>3</sup> Lots produced before November 2017 may contain traces of soy lecithin due to cross contamination (max 1.5ppm soy protein)

## Indicative Nutritional Information

**Name** **TrueGold cocoa powder**

**Producer**

**Olam Cocoa BV**

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- Veerdijk 18, 1531MS Wormer, The Netherlands

### Main components

Total fat	21	g/100g	Calcium	130	mg/100g
Moisture	4	g/100g	Chloride	10	mg/100g
Protein	20.4	g/100g	Magnesium	490	mg/100g
Total carbohydrates <sup>1</sup>	47.2	g/100g	Phosphorous	600	mg/100g
Theobromine	1.9	g/100g	Potassium	1800	mg/100g
Caffeine	0.2	g/100g	Sodium	20	mg/100g
Ash	5.3	g/100g	- Iron	31	mg/100g

### Minerals

Zinc	6	mg/100g
Copper	3	mg/100g

### Fat

Saturated fat	12.8	g/100g
Mono-unsaturated fat	7.2	g/100g
Poly-unsaturated fat	0.7	g/100g
Trans fat	<0.02	g/100g
Cholesterol	<1	mg/100g

### Vitamins

Vitamin A	<50	IU/100g
Vitamin B1 (thiamine)	0.1	mg/100g
Vitamin B2 (riboflavin)	0.4	mg/100g
Vitamin B3 (niacin)	1.8	mg/100g
Vitamin B5 (pantothenic acid)	3.5	mg/100g
Vitamin C	<0.1	mg/100g
Vitamin D	<0.05	µg/100g
Vitamin E	6.3	IU/100g

### Carbohydrates

Dietary fiber	28.4	g/100g
Soluble fiber	5.7	g/100g
Insoluble fiber	22.7	g/100g
Starch	11.1	g/100g
Organic Acids	4	g/100g
Sugars	0.9	g/100g
Added sugars	0	g/100g

### Energy <sup>2</sup>

Energy	368.5	kcal/100g
Energy from fat	189	Kcal/100g

<sup>1</sup> Total carbohydrates are defined here as 100 – (fat + moisture + protein + theobromine + caffeine + ash)

<sup>2</sup> Energy calculated according to USDA handbook 74 (revised).

Caloric values: 9 kcal/g for fat; 4 kcal/g for protein and carbohydrates less the amount of insoluble fiber

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