

Technical Data Sheet

Name	Terra Rossa	
Producer	Olam Cocoa BV • Stationsstraat 76, 1541LJ Koog aan de Zaan, The Netherlands • Veerdijk 18, 1531MS Wormer, The Netherlands	
Product	EUROPE US	Cocoa powder, alkalized * (<i>Acidity regulator: potassium carbonate (E501(i))</i>) High fat Cocoa processed with alkali *

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	22.0 – 24.0%	ICA 37/1990 (Extraction with petroleum ether)
pH (in 10% solution)	7.2 – 7.6	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

* Alkali <7%, on dry matter, without fat, expressed as potassium carbonates / <3% expressed as potassium carbonate calculated on cocoa nibs

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

Olam International Limited

7 Straits View · Marina One East Tower #20-01, Singapore 018936 · +65 6339 4100 (phone) · +65 6339 9755 (fax) · www.olamgroup.com

The information contained herein is correct as of the date of this document to the best of our knowledge. Any recommendations or suggestions are made without guarantee or representation as to results and are subject to change without notice. We suggest you evaluate any recommendations and suggestions independently. We disclaim any and all warranties, whether express or implied, and specifically disclaim the implied warranties of merchantability, fitness for a particular purpose and non-infringement. Our responsibility for claims arising from any claim for breach of warranty, negligence or otherwise shall not include consequential, special or incidental damages, and is limited to the purchase price of material purchased from us. None of the statements made here shall be construed as a grant, either express or implied, of any license under any patent held by Olam or other parties. Customers are responsible for obtaining any licenses or other rights that may be necessary to make, use or sell products containing Olam ingredients.

Technical Data Sheet

(EN) Storage – see back of pack. (FR) Conservation - voir au dos de l'emballage. (DE) Lagerung - siehe Packungsrückseite. (NL) Opslag - zie achterkant verpakking. (DA) Opbevaring – se bagsiden af emballagen. (IT) Conservazione: vedere sul retro della confezione. (ES) Conservación: ver parte posterior del envase. (PT) Armazenamento - veja o verso da embalagem. (GR) Αποθήκευση - βλέπε το πίσω μέρος της συσκευασίας. (SV) Förvaring – se förpackningens baksida (PL) Przechowywanie - patrz tył opakowania. (RO) Depozitare - vezi partea din spate a 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 emballagen. (IT) Da consumarsi preferibilmente entro - vedere la parte anteriore della confezione. (ES) Consumir antes de: ver parte anterior del envase (PT) Consumir de preferência antes de - veja a frente da embalagem. (GR) Ανάλωση κατά προτίμηση πριν - βλέπε το μπροστινό μέρος της συσκευασίας. (SV) Bäst före – se förpackningens framsida. (PL) Najlepiej spożyć przed - patrz przód opakowania. (RO) Cel mai bun înainte - consultați partea din față a ambalajului.

Kosher  certified

Halal  certified

Olam International Limited

7 Straits View · Marina One East Tower #20-01, Singapore 018936 · +65 6339 4100 (phone) · +65 6339 9755 (fax) · www.olamgroup.com

The information contained herein is correct as of the date of this document to the best of our knowledge. Any recommendations or suggestions are made without guarantee or representation as to results and are subject to change without notice. We suggest you evaluate any recommendations and suggestions independently. We disclaim any and all warranties, whether express or implied, and specifically disclaim the implied warranties of merchantability, fitness for a particular purpose and non-infringement. Our responsibility for claims arising from any claim for breach of warranty, negligence or otherwise shall not include consequential, special or incidental damages, and is limited to the purchase price of material purchased from us. None of the statements made here shall be construed as a grant, either express or implied, of any license under any patent held by Olam or other parties. Customers are responsible for obtaining any licenses or other rights that may be necessary to make, use or sell products containing Olam ingredients.