

Technical Data Sheet

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|-----------------|---|---|
| Name | Carbon Black | |
| Producer | Olam Cocoa BV <ul style="list-style-type: none"> Stationsstraat 76, 1541LJ Koog aan de Zaan, The Netherlands Veerdijk 18, 1531MS Wormer, The Netherlands | |
| Product | EUROPE US | Fat-reduced Cocoa powder, alkalized * (Acidity regulator: sodium hydroxide (E524), ammonium hydroxide (E527)) Black Cocoa, alkalized * |

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 | 10.0 – 12.0% | ICA 37/1990 (Extraction with petroleum ether) |
| pH (in 10% solution) | 7.8 – 8.4 | 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

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(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.

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