

TECHNICAL DATA SHEET

ORGANIC GREEN TEA LE 4:1 DE PR3352

Organic labelling regulation
((UE) 2018/848 - art.32): BIO = DE-ÖKO-039

Botanical kind: Theaceae Camellia sinensis (L.) Kuntze
Part of the plant: Leaf
Ratio plant / final extract: 4 to 1 (a)
Extraction solvent(s): Water
Carrier(s): Organic wheat maltodextrin

DESCRIPTION

	Specifications	Methods and references
Appearance	Powder	
Color	Beige to brown	

ANALYSES

ANALYSES	Specifications		Method and reference
	Min	Max	
Caffein content [%] (4)	Indicative value		MO-48 - HPLC, Fr. Ph. (1994), "Café vert" adapted monograph
Catechins content [%] (4)	Indicative value		AE-28 - HPLC, internal method
Theanine content [%] (4)	Indicative value		AE-25 - HPLC, internal method
Theophylline content [%] (4)	Indicative value		AE-24 - HPLC, internal method
EGCG content [%] (4)	Indicative value		AE-27 - HPLC, internal method
Loss on drying [%] (11)	-	9.00	MO-183 - Eur. Ph. (01/2008:20817) and (02/2008:20816)
Bulk density	0.30	0.70	MO-181 - Eur. Ph. (04/2019:20934)
pH (1% in demineralized water) (11)	3.5	6.5	MO-03 - pH-meter, Eur. Ph. (07/2016:20203), "Potentiometric determination of pH" monograph
Screening [% < 500 µm]	95.0	-	MO-184 - Granulometer, internal method

TECHNICAL DATA SHEET

ORGANIC GREEN TEA LE 4:1 DE PR3352

CONTAMINANTS	Specifications		Method and reference
	Min	Max	
Pb content [ppm] (2)	-	< 3.00	AE-01 - ICP, internal method
Cd content [ppm] (2)	-	< 1.00	AE-01 - ICP, internal method
Hg content [ppm] (2)	-	< 0.10	AE-01 - ICP, internal method
Pesticides content [ppm] (2)	< detection limit		AE-02 - GC-MSMS/LC-MSMS, internal method
Benzo(a)pyrene content [ppb] (2)	-	< 10.0	AE-03 - GC-MS-MS, internal method
Pahs (sum of benzo(a) pyrene, benz(a) anthracene, benzo(b) fluoranthene and chrysene) content [ppb] (2)	-	< 50.0	AE-03 - GC-MS-MS, internal method

MICROBIOLOGY	Specifications		Method and reference
	Min	Max	
Total aerobic microbial count [CFU/g] (1)	-	< 10 000	MO-191 - Pétrifilm TM / ISO 4833
Total yeasts/moulds count [CFU/g] (1)	-	< 100	MO-192 - Pétrifilm TM / AOAC 997.02
Salmonella content [/25g]	Absent		MO-193 - TECRA TM / ISO 6579
Enterobacteria content [CFU/g]	-	< 100	MO-194 - Pétrifilm TM ISO 21528-2
Escherichia coli content [CFU/g]	-	< 10	MO-195 - Pétrifilm TM / ISO 16649-2

(1) Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed. 5.1.8 Category B

(11) First ten batches

(2) On request with additional cost

(4) HACCP based control plan defined annually according to risk analysis

Best before/ 24

DMD (in months) :

Storage conditions: Store in closed original packaging at 5 to 25°C in a dry place and protected from light.

TECHNICAL DATA SHEET

ORGANIC GREEN TEA LE 4:1 DE PR3352

Complementary data

(a): *Variable indicative raw material ratio depending on productions and / or variability of the raw material.
Non contractual data.*

This reference is neither an Active Pharmaceutical Ingredient nor an excipient for pharmaceutical use
Responsibility of final labelling lies with the company placing the final product on the market.

-The analysis of substances mentionned in annex II and annex III of European regulation 1223/2009 on
cosmetics products can be realised on request with additionnal cost

According to Regulation 1999/3/EC, and its modifications, has not been ionized.

- According to the Regulations 2001/18/EC, 1829/2003 and 1830/2003, and its modifications, the above
mentioned item does not contain deliberately added GMO. (fortuitous or technically inevitable traces
could be detected at less than 0,9%)

- The product does not contain TSE/BSE substances