

## 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	<i>Powder</i>	
Color	<i>Beige to brown</i>	

#### ANALYSES

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

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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.

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**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