

TECHNICAL DATA SHEET

GREEN TEA LE 55%/30 - 45%/15 - 25%/5 - 8% DE PR8466

Botanical kind:	Theaceae Camellia sinensis (L.) Kuntze
Part of the plant:	Leaf
Extraction solvent(s):	Water
Carrier(s):	None

DESCRIPTION

	Specifications	Methods and references
Appearance	<i>Powder</i>	
Color	<i>Light brown orangish to brown</i>	
Taste	<i>Bitter taste</i>	
Solubility	<i>To be tested following the degree of incorporation</i>	

ANALYSES

	Specifications		Method and reference
	Min	Max	
Caffeine content [%]	5.00	8.00	MO-48 - HPLC, Fr. Ph. (1994), "Café vert" adapted monograph
Catechins content [%]	30.00	45.00	AE-28 - HPLC, internal method
EGCG content [%]	15.00	25.00	AE-27 - HPLC, internal method
Total polyphenols content [%]	> 55.00	-	MO-44 - UV-Vis, Fr. Ph. (1996), "Extrait de vigne rouge (sec)" monograph
Antioxydant capacity [µmol TE/kg] (4)	> 5 500 000	-	AE-26 - ORAC testing, internal method
Theanine content [%] (4)	<i>Indicative value</i>		AE-25 - HPLC, internal method
Theophylline content [%] (4)	<i>Indicative value</i>		AE-24 - HPLC, internal method
Identification (raw material) (4)	<i>Complies</i>		MO-77 - TLC, Fr. Ph. (2010), "Thé vert" monograph
Loss on drying [%] (11)	-	8.00	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 [% < 200 µm]	95.0	-	MO-184 - Granulometer, internal method

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CONTAMINANTS	Specifications		Method and reference
	Min	Max	
Pb content [ppm] (4)	-	< 3.00	AE-01 - ICP, internal method
Cd content [ppm] (4)	-	< 1.00	AE-01 - ICP, internal method
Hg content [ppm] (4)	-	< 0.10	AE-01 - ICP, internal method
Pesticides content [ppm] (4)	< Residual Maximum Limit fixed in European regulation 396/2005 and its modifications		AE-02 - GC-MSMS/LC-MSMS, internal method
Benzo(a)pyrene content [ppb] (4)	-	< 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] (4)	-	< 50.0	AE-03 - GC-MS-MS, internal method
Sum of aflatoxins B1+B2+G1+G2 content [ppb] (4)	-	< 10.00	AE-12 - HPLC, internal method
Aflatoxin B1 content [ppb] (4)	-	< 5.00	AE-12 - HPLC, internal method

MICROBIOLOGY	Specifications		Method and reference
	Min	Max	
Total aerobic microbial count [CFU/g] (1)	-	< 10 000	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Total yeasts/moulds count [CFU/g] (1)	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Salmonella content [/25g]	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Bile-tolerant Gram negative bacteria content [CFU/g]	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Escherichia coli content [/g]	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)

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

(11) First ten batches

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

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INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

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**GREEN TEA LE 55%/30 - 45%/15 - 25%/5 - 8% DE
PR8466**

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.

**Complementary
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.*

- Complies with French decrees (2006-352 and 24th June 2014)

- 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