



**Technical Data Sheet**

**BIO Matcha (Fuku) P. (18832)**  
**ORGANIC Matcha (Fuku) P. (18832)**

**PRODUCT INFORMATION**

Latin name	Camellia sinensis
Plant part used	Leaves and buds
Origin	Japan
Raw material	Tencha (Green Tea) 100%
Additives	None
Production	Steamed, dried and roasted, cut, sifted, separated, re-dried and blended
Organic certification	DE-ÖKO-013

ITEM	SPECIFICATION	METHOD
Colour	Yellowish green colour L* 56.5 ~ 63.5 a* -13.5 ~ -20.5 b* 31.5 ~ 41.5	Measured by colour difference meter
Sieve analysis	6,500 ~ 13,500 cm <sup>2</sup> /g	Lea-Nurse-Method
Moisture	Below 6,0%	Infrared moisture meter

CONTAMINANTS	SPECIFICATION	METHOD
<b>Polycyclic aromatic hydrocarbons</b>		
Benzo(a)pyren	10 µg/kg	HPLC method
Sum PAH 4	50 µg/kg	Calculated
<b>Pyrrolizidine Alkaloids</b>		
SUM PA	150 µg/kg	LC-MS/MS
<b>Mykotoxins</b>		
Aflatoxin B1	max. 2 µg/kg	§ 64 LFGB method
Total Aflatoxins (B1,B2,G1,G2)	max. 4 µg/kg	calculated
Foreign objects	The tea is free of impurities (metal, glass, wood, stones etc.), as well as insects and other animals	

**STATEMENTS**

Contaminants	According to Reg. (EC) 1881/2006 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: max. 3x10 <sup>3</sup> /g, TYMC: max. 3x10 <sup>2</sup> /g, Salmonella: negative/25g, Coliforms: negative, Listeria: negative/25g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
Allergen free	According to Reg. (EC) 1169/2011
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

**STORAGE AND HANDLING**

Storage	Store in a dry, dark place under 17°C (61°F), protect from heat and keep away from strong odors
Shelf Life	24 months after production for properly preserved, unopened goods



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**Nutritional Analysis**

Nährwertangaben Nutrition Facts	pro Portion (1 g)	pro 100 g
Kalorien, gesamt (berechnet)	3,03 kcal/ 12,63 kJ	303 kcal/ 1263 kJ
Trockenmasse	957,3 mg	95,73 g
Asche, gesamt	65,8 mg	6,58 g
Kohlenhydrate (berechnet)	191 mg	19,1 g
Summe der ermittelten Zucker (berechnet)	14 mg	1,4 g
Glukose	2,0 mg	0,2 g
Fruktose	2,0 mg	0,2 g
Saccharose	10 mg	1,0 g
Maltose		nicht nachweisbar
Laktose		nicht nachweisbar
Ballaststoffe	364 mg	36,4 g
Proteine	299 mg	29,9 g
Fett, gesamt	37,4 mg	3,74 g
Gesättigte Fettsäuren (berechnet)	8,1 mg	0,81 g
Einfach ungesättigte Fettsäuren (berechnet)	3,3 mg	0,33 g
Mehrfach ungesättigte Fettsäuren (berechnet)	24 mg	2,4 g
Transfettsäuren (berechnet)	0,15 mg	0,015 g
Tannin	119 mg	11,9 g
ORAC Wert	2200 µmol TE	
Natrium	0,0306 mg	3,06 mg
Calcium	3,814 mg	381,4 mg
Kalium	23,81 mg	2381 mg
Eisen	0,0921 mg	9,21 mg
Zink	0,0357 mg	3,57 mg
Vitamin A (Retinol)		nicht nachweisbar
α-Carotin	0,0623 mg	6,23 mg
β-Carotin	0,223 mg	22,3 mg
Vitamin C	1,36 mg	136 mg
Vitamin E	0,48 mg	48,0 mg
Summe aus Koffein und Theobromin (berechnet)	32,8 mg	3,28 g
Koffein	32,7 mg	3267,8 mg
Theobromin	0,136 mg	13,6 mg
Theophyllin		nicht nachweisbar
Gallsäure	0,18 mg	18 mg
Salz (berechnet aus Natrium)	0,08 mg	8,0 mg
Cholesterin		nicht nachweisbar
Catechine		
Epigallocatechin Gallat	70 mg	7,0 g
Epigallocatechin	30 mg	3,0 g
Epicatechin Gallat	11 mg	1,1 g
Epicatechin	5,7 mg	0,57 g
Catechin	0,39 mg	39 mg
Summe der Aminosäuren (berechnet)	9,1 mg	910 mg
Asparaginsäure	1,9 mg	190 mg
Threonin	0,3 mg	30 mg
Serin	0,5 mg	50 mg
Asparagin	0,6 mg	60 mg
Glutaminsäure	2,3 mg	230 mg
Glutamin	0,5 mg	50 mg
Alanin	0,6 mg	60 mg
Valin	0,2 mg	20 mg
Methionin		nicht nachweisbar
Isoleucin	0,1 mg	10 mg
Leucin	0,1 mg	10 mg
Tyrosin	0,1 mg	10 mg
Phenylalanin	0,2 mg	20 mg
γ-Aminobuttersäure	0,4 mg	40 mg
Lysin	0,2 mg	20 mg
Arginin	0,7 mg	70 mg
Theanin	6,41 mg	641 mg

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