



Technical Data Sheet

BIO Matcha (Kotobuki) P. (18832)
ORGANIC Matcha (Kotobuki) P. (18832)

PRODUCT INFORMATION

PRODUCT INFORMATION	Premium Quality ORGANIC Matcha Kotobuki (Ceremonial Quality)
Part Used	Leaves
Origin	Non-EU Agriculture (Japan)
Ingredients	ORGANIC Tencha (Green Tea) 100%
Production process	Leaves are steamed, dried and roasted, cut, sifted, separated, re-dried and blended.
Organic Certification	DE-ÖKO-013

ITEM	SPECIFICATION	METHOD
Appearance	Free flowing fine powder	
Color	Yellowish green colour	
particle size	8,000 ~ 15,000 cm2	Lea-Nurse-Method
residual moisture	<6%	

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Organic production	According to Reg. (EC) 2018/848
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria max. $3 \times 10^3/g$, TYMC max. $3 \times 10^2/g$, Coliforms negative, Salmonella negative in 25g, Listeria negative in 25g
ETO	ETO free
Vegan	Conform
Halal	Conform
Kosher	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments 5kg x 2 Aluminum bags per case

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	2 year if sealed and properly stored
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Nutritional information 01.03.2024	per serving (1 g)	per 100g
Total calories (calculated)	3,14 kcal/ 13,15 kJ	314 kcal/ 1315 kJ
Dry matter	958 mg	95,8 g
Total ash	66,7 mg	6,67 g
Carbohydrates (calculated)	203 mg	20,3 g
Sum of the determined sugars	10 mg	1,0 g
Glucose		not detected
Fructose		not detected
Sucrose	10 mg	1,0 g
Maltose		not detected
Lactose		not detected
Dietary fibre	305 mg	30,5 g
Protein	346 mg	34,6 g
Total fat	37,2 mg	3,72 g
Saturated fatty acids (calculated)	8,6 mg	0,86 g
Monounsaturated fatty acids	4,3 mg	0,43 g
Polyunsaturated fatty acids	21,9 mg	2,19 g
Trans fatty acids (calculated)	0,17 mg	0,017 g
Tannin	106 mg	10,6 g
ORAC Score	2000 µmol TE	
Sodium	0,0255 mg	2,55 mg
Calcium	2,976 mg	297,6 mg
Potassium	24,97 mg	2497 mg
Iron	0,0747 mg	7,47 mg
Zinc	0,0395 mg	3,95 mg
Vitamin A (Retinol)		not detected
α-Carotene	0,0988 mg	9,88 mg
β-Carotene	0,286 mg	28,6 mg
Vitamin C	1,39 mg	139 mg
Vitamin E	0,355 mg	35,5 mg
Sum of caffeine and theobromine	34,7 mg	3,47 g
Caffeine	34,6 mg	3459,7 mg
Theobromine	0,092 mg	9,2 mg
Theophylline		not detected
Gallic Acid	0,19 mg	19 mg
Salt (calculated, from sodium)	0,06 mg	6,0 mg
Cholesterol		not detected
Catechins		
Epigallocatechin Gallate	69 mg	6,9 g
Epigallocatechin	23 mg	2,3 g
Epicatechin Gallate	10 mg	1,0 g
Epicatechin	4,6 mg	0,46 g
Catechin	0,42 mg	42 mg
Sum amino acids (calculated)	19,0 mg	1900 mg
Aspartic Acid	4,1 mg	410 mg
Threonine	5,0 mg	50 mg
Serine	0,8 mg	80 mg
Asparagine	0,9 mg	90 mg
Glutamic Acid	3,2 mg	320 mg
Glutamine	1,0 mg	100 mg
Alanine	0,8 mg	80 mg
Valine	2,0 mg	20 mg
Methionine		not detected
Isoleucine	0,3 mg	30 mg
Leucine	0,3 mg	30 mg
Tyrosine	0,3 mg	30 mg
Phenylalanine	0,3 mg	30 mg
γ-Aminobutyric Acid	0,3 mg	30 mg
Lysine	0,4 mg	40 mg
Arginine	4,7 mg	470 mg
Theanine	15,4 mg	1540 mg

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