



**Technical Data Sheet**

**L-Theanine 98% ex Grüner Tee P.E.**  
**L-Theanine 98% ex Green Tea P.E.**

**PRODUCT INFORMATION**

Name	Theanine powder extract from green tea		
Product ID	20581		
Latin Name	Camellia Sinensis	Extraction Solvent	Ethanol & Water
Part Used	Leaf	Green Tea Extract	Approx 98%
Origin	China	Carrier	None
Extract Ratio	200:1	Quality	Food Supplements

ITEM	SPECIFICATION	METHOD
Theanine Assay	≥98.0%	HPLC
Caffeine Assay	≤0.5%	HPLC
Appearance	White or off-white Powder	Visual
Odor & Taste	Characteristic	Visual&Taste
Particle Size	95%Through 60 Mesh	USP<786>
Bulk Density	~0.50g/ml	
Tapped Density	~ 0.25g/ml	
Moisture	≤1.0%	USP<921>
Total Ash	≤1.0%	USP<561>
Residual Pesticides	Meet USP Standards	USP<561>

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002 / Only for food supplements
Contaminants	According to Reg. (EC) 1881/2006 and amendments
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <1,000 cfu/g, TYMC: <100 cfu/g, Salmonella: negative, E. Coli: negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature and Pressure
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 status	No allergens requiring labeling according to Reg. (EC) 1169/2011
<b>Unintentional contact (traces) in the supply chain cannot be excluded.</b>	
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
MOSH/POSH/MOAH	free

**NUTRITIONAL VALUES PER 100G**

Energy	296.0 kJ
Total Fat	2.3 g
Protein	34.2 g
Total Carbohydrate	34.7 g
Calcium	325.0 mg
Iron	14.4 mg
Sodium	28.2 mg
Potassium	1661.0 mg



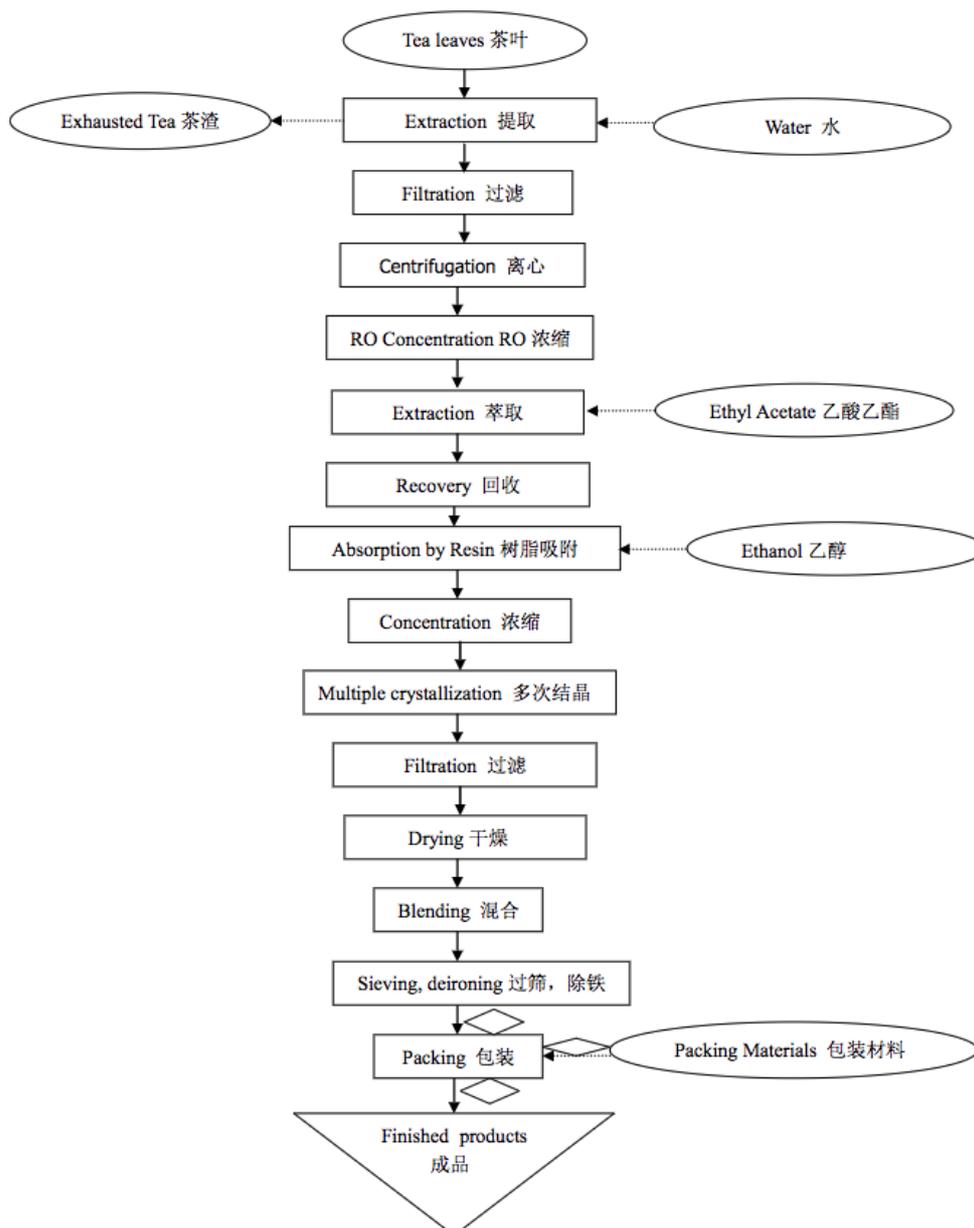
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**STORAGE AND HANDLING**

Packaging	10 kg, 25 kg, possibly different upon agreement
Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
Document status template	09.02.2026
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**All above information according to the manufacturer / supplier**

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