



**Technical Data Sheet**

**Echte Guave P.E. 5mg/100g Lycopin, 4:1**  
**Common Guava P.E. 5mg/100g Lycopene, 4:1**

**PRODUCT INFORMATION**

Botanical name	Psidium guajava
Part Used	Fruit
Origin	China
CAS	91770-12-6
Extraction solvent	Ethanol & Water
Psidium Guajava Fruit Extract	Approx 70%
Carrier (Maltodextrin)	Approx 20%

ITEM	SPECIFICATION	METHOD
Lycopene Assay	5mg/100g	UV
Assay (on dry basis)	4:1	TLC
Identification	Positive	TLC
Appearance*	Brown Yellow Fine Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Sieve Analysis	100% through 80 Mesh	80 Mesh Screen
Bulk Density	0.30~0.70g/ml	
Loss on Drying	NMT 5%	Eu. Pharm. v.v. (2.8.17)
Ash	NMT 5%	Eu. Pharm. c.v. (2.4.16)

\*The color may vary

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 1881/2006 and amendments
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: <10,000 cfu/g, TYMC: <300 cfu/g, Salmonella: negative, E. Coli: negative, S. Aureus: 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 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

**STORAGE AND HANDLING**

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored

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