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SPECIFICATION: Propolis dry extract 70%
DEP/70/01

1.	Product	Propolis dry extract	
2.	General information		
2.1.	Name of raw material	Propolis	
2.2.	Solvent	Ethanol 96% (V/V) \ph.Eur.1317(4100102)	
2.3.	Drug – extract ratio (DER)	1.5 – 2.5 : 1	
2.4.	Composition	Native extract	70%
		Silica	30%
3.	Purpose of use	intermediate for food products and foodstuffs	
4.	Quality data	Acceptance criteria	Method
4.1.	Characteristics	consistency: free-flowing powder; colour: yellow-orange to brown, odour; aromatic, characteristic of propolis	organoleptic
4.2.	Sieve tests	min. 75% (m/m) does not pass through 100 µm sieve	Ph.Eur.2.9.12
4.3.	Loss on drying	not more than 4.0%(m/m)	Ph.Eur.2.8.17
4.4.	Total ash	max. 40%(m/m)	Ph.Eur.2.4.16
4.5.	Content of flavonoids expressed as rutoside	not less than 5%(m/m)	PRZ/003/08/2007
4.6.	Residue of ethanol	not more than 1%(m/m)	PRP/001/09/2007
4.7.	Microbiological purity		
4.7.1.	Total aerobic microbial count (TAMC)	max. 50 000 [CFU/g] ¹⁾	FP 2.6.12
4.7.2.	Total combined yeasts/moulds count (TYMC)	max. 500 [CFU/g] ¹⁾	FP 2.6.12
4.7.3.	Escherichia coli	absent in 1g	FP 2.6.31

4.7.4.	Salmonella	absent in 25g	FP 2.6.31
4.7.5.	Staphylococcus aureus	absent in 1g	FP 2.6.13
	¹⁾ limit with the interpretation of "x factor 5 or 2" (according to FP chapter 5.1.4 or 5.1.8)		
5.	Package	double polyethylene bag and cardboard. Other packages are allowed at customer's request.	
6.	Labelling	name and code of product, batch number, production date, shelf life, net mass, gross mass, tare	
7.	Storage	stored in a well-closed container, protected from moisture and light, at the temperature not exceeding 25°C	
8.	Shelf life	18 months	