



Technical Data Sheet

Purpur-Sonnenhut P.E. 4% Polyphenole (18801)
Echinacea purpurea P.E. 4% Polyphenols (18801)

PRODUCT INFORMATION

Latin name	Echinacea purpurea
Part Used	Herb
Extraction solvent	Ethanol & Water 60% v/v
Drug-extract ratio	4-6 : 1
Excipients	Maltodextrin
Auxiliary substance	0.0 - 1.0% anhydrous silica

ITEM	SPECIFICATION	METHOD
Total Polyphenols Assay	min 4.0% calculated as Chlorogenic acid	MT-33 UV-Vis
Appearance*	light to middle brown, fine powder	Inspection
Identification	min 95% through 200µm 100% through 300µm	MT-12
Dry material content	min 95% m/m	MT-03
Bulk Density	0.4 - 0.7g/ml	MT-11
Tapped density	0.6 - 0.9g/ml	MT-11
Residual solvent (EtOH)*	max 5.000 ppm	MT-16

*The color may vary

STATEMENTS

Contaminants	According to Reg. (EC) 2023/915
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 <100 cfu/g, Enterobacteriae <100 cfu/g, Salmonella negative/25g, E. Coli negative/1g, Coagulase-positive Staphylococci negative/1g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Antimicrobial preservatives	Absent
Vegan	Vegan
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
MOSH/POSH/MOAH	Risk free
Packaging	According to Reg. (EC) 1935/2004 and Nr. 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed warehouse, on approximately relative humidity 60%, on room temperature or lower
Shelf Life	2 years if sealed and properly stored

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