

## Specification

## Grape vine leaf powder extract

EFLA@945 Vitis vinif. fol extr.a.siccum

**0085945**

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Plant species	Vitis vinifera L.
Plant material	folium
Extraction medium	Aqua
Drug:native extract ratio	4-7=1 (5,5=1)
Drug:extract ratio	3-6=1 (4,5=1)
Identity of raw material	Method Flachsmann
Appearance	brown to red powder, sifted through 0.7 mm (25 mesh)

### Analytical Data

Appearance	
Loss on drying (Ph)	%(m/m)
Water content (Karl Fischer)	%(m/m)
Bulk density (Ph)	g/ml
Polyphenols (Ph)	%(m/m)
Anthocyanins (photom./Ph)	%(m/m)
trans-Resveratrol (HPLC)	mg/100g
Aerobic bacteria (Ph)	/g
Fungi (Ph)	/g
Enterobacteria +other gram-neg.bact.(Ph)	/g
Escherichia coli (Ph)	/g
Staphylococcus aureus (Ph)	/g
Salmonella (Ph)	/50g

### Specifications

see above	
< 7.5	%(m/m)
< 5.0	%(m/m)
0.30 - 0.60	g/ml
> 30	%(m/m)
> 0.3	%(m/m)
> 5	mg/100g
< 10'000	/g
< 100	/g
< 100	/g
n.d.	/g
n.d.	/g
n.d.	/50g

Ph = Pharmacopoeia tests

n.d.=not detectable

### Declaration

Carrier	10 %(m/m) Acaciae gummi Ph.Eur.
Preservation	none

Purity data	The raw plant material complies to:
Pesticide residues	(Form. FA002) Ph.Eur. 2.8.13. resp. RHmV [DFG S-19]
Heavy metals	(Form. FA003) Ph.Eur. 2.4.27. Pb, Cd, Hg [AAS]
Radioactivity	(Cs134 + Cs137) <370 Bq/kg [Scintillation]

## Specification

## Grape vine leaf powder extract

EFLA®266 Vitis vinif. fol extr.s.siccum

0085266

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Plant species	Vitis vinifera L.
Plant material	folium
Extraction medium	30 % (m/m) Ethanolum
Drug:native extract ratio	4,0-7,0=1 (5,5=1)
Drug:extract ratio	3,6-6,3=1 (5,0=1)
Identity of raw material	Flachsmann method
Appearance	brown to red powder, sifted through 0.7 mm (25 mesh)

### Analytical Data

Appearance	
Loss on drying (2h, 100-105°C)	%(m/m)
Water content (Karl Fischer)	%(m/m)
Bulk density (Ph)	g/ml
Polyphenols (Ph)	%(m/m)
Anthocyanins (photom./Ph)	%(m/m)
trans-Resveratrol (HPLC)	mg/100g
Aerobic bacteria (Ph)	/g
Fungi (Ph)	/g
Enterobacteria +other gram-neg.bact.(Ph)	/g
Escherichia coli (Ph)	/g
Staphylococcus aureus (Ph)	/g
Salmonella (Ph)	/50g

### Specifications

see above
< 7.5
< 5.0
0.30 - 0.60
30 - 60
0.4 - 1.6
5 - 30
< 10'000
< 100
< 100
n.d.
n.d.
n.d.

Ph = Pharmacopoeia tests

n.d.=not detectable

### Declaration

Carrier	10 % (m/m) Acaciae gummi Ph.Eur.
Preservation	none
Residual solvent ethanol	< 0.5% (m/m) (GC/Ph; ICH/283/95, Class 3)

### Purity data

Pesticide residues	The raw plant material complies to:
Heavy metals	(Form. FA002) Ph.Eur. 2.8.13. resp. RHmV [DFG S-19]
Radioactivity	(Form. FA003) Ph.Eur. 2.4.27. Pb, Cd, Hg [AAS] (Cs134 + Cs137) <370 Bq/kg [Scintillation]

### Remarks

Pilot phase: Ultimate specification after finished validation.