



**TECHNICAL DATA SHEET**

Product code	030499
Product	Elderberry extract
Specification	4:1, TLC
Part used	Fruit
<i>Botanical source</i>	<i>Sambucus nigra L.</i>
Extract solvent	Water & Ethanol
Carrier	None

Items	Specification	Methods
<b>Physical &amp; chemical</b>		
Color	Light brown	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Fine powder	Organoleptic
<b>Analytical quality</b>		
Identification	Identical to R.S. sample	HPTLC
Sieve analysis	90% through 80 mesh	Eur.Ph. <2.9.12>
Loss on drying	≤5.0%	Eur.Ph. 7.0 [2.8.17]
Total ash	≤10.0%	Eur.Ph.<2.4.16>
Bulk density	40~60g/100mL	Eur.Ph.<2.9.34>
Tap density	60~90g/100mL	Eur.Ph.<2.9.34>
Concentration ratio	4:1	TLC
<b>Contaminants</b>		
Lead (Pb)	≤3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Arsenic (As)	≤2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Cadmium (Cd)	≤1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS
Mercury (Hg)	≤0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS
Solvents residue	Meet Eur.Ph. Requirements	Eur.Ph.<2.4.24>
Pesticides residue	Meet Eur.Ph. Requirements	Eur.Ph.<2.4.13>
<b>Microbiological</b>		
Total plate count	≤10000cfu/g	Eur.Ph. <2.6.12>
Yeast & mold	≤1000cfu/g	Eur.Ph. <2.6.12>
E. Coli.	Negative( Per 10grams)	Eur.Ph. <2.6.13>
Salmonella	Negative(Per 25grams)	Eur.Ph. <2.6.13>
<b>General Status</b>		
Non-Irradiation	≤700	EN13751:2002<PSL>

Net weight: 25kgs/Drum

Gross weight: 27.5Kgs±0.5kg

24 months under 30°C in a well-closed container and away from moisture, light, oxygen.