



Product Specification

Product: **FE ELDER FLOWERS**

Code Number: **5044**

Product Description: A fluid extract of the botanical Sambucus nigra in a base of ethanol, glycerin, and water.

Ingredients: Purified Water, Elder Flower(Sambucus nigra) Extract, Vegetable Glycerin, Ethyl Alcohol

Test	Specification	Method
PHYSICAL		
Appearance	Slightly cloudy, mobile liquid with some sediment present	TM001-1-Visual
Color	Brown to dark brown	TM001-2-Visual
Identification - FTIR	≥ 0.9500	TM002-1-FTIR
Odor	Characteristic, herbal, alcoholic	TM001-3-Olfactory
pH	4.50 - 6.50	TM0007 / USP<791>
Refractive Index	1.3700 - 1.4000	TM0008/USP<831>
Solid Content	25.00 - 35.00 % (2hrs @105° C)	TM0006-Gravimetric
Specific Gravity	1.0700 - 1.1050	TM0009/USP<841>
CHEMICAL		
Ethanol	12.00 - 15.00 %	TM0015 / USP<611> Method II
MICROBIOLOGICAL		
Combined Yeast & Mold	≤ 200 cfu/g	USP <2021>
E.coli	Absent in 10 g	USP <2022>
Salmonella	Absent in 10 g	USP <2022>
Staph. aureus	Absent in 10 g	USP <2022>
TAPC	≤ 500 cfu/g	USP <2021>
GENERAL		
Expiration Period	4 Years - Unopened	Informational Input

NOTES:

Retest Date: 4 Years - Unopened

Packaging and 5 Gallon HPTE pail

Storage: Storage: Store in closed container in a dry place. Avoid excessive heat.

Shipping: Do not exceed 120 °F.

Product Specification

Product: **FE ELDER FLOWERS**

Code Number: **5044**

Quality: 

Date: 3/8/2019 Time: 9:44:00AM

Asli Guclu
(electronically signed)