



Product Specification

Product: **FE PAU D'ARCO**

Code Number: **5110-A**

Product Description: A liquid extract of the bark of the botanical *Tabebuia avellanedae* in a base of glycerin and water with ethyl alcohol

Ingredients: Pau D'Arco (*Tabebuia Avellanedae*) Bark Extract, Glycerin, Water, Ethyl Alcohol

Test	Specification	Method
PHYSICAL		
Appearance	Clear to slightly cloudy, thin liquid	TM001-1-Visual
Color	Dark brown	TM001-2-Visual
Identification - FTIR	≥ 0.9500	TM002-1-FTIR
Odor	Characteristic	TM001-3-Olefactory
Refractive index	1.3600 - 1.3850	TM 10008 <831>
Solid Content	20.00 - 35.00 % (2hrs @105° C)	TM 10016 Gravimetric
Specific Gravity	1.0450 - 1.0650	TM 10010 USP<841>
CHEMICAL		
Ethanol	12.00 - 17.00 %	COQCL-000015 / GC-MS
MICROBIOLOGICAL		
Combined Yeast & Mold	≤ 500 cfu/g	USP <2021>/C of A
E.coli	Absent in 10 g	USP <2022>/ C of A
Salmonella	Absent in 10 g	USP <2022>/ C of A
Staph. aureus	Absent in 10 g	USP <2022>/ C of A
TAPC	$\leq 1,000$ cfu/g	USP <2021>/ C of A

NOTES:

Packaging and
Storage:

Quality: _____

Satya Kadali PhD
(electronically signed)

Date: 11/5/2020 Time: 3:21:00PM

Revision # 1
Effective Date: 11/5/2020