

SPECIFICATION SHEET

ID Code	BRGFBRDC	
Trade name	BERGAMOT FIBER	
DESCRIPTION	SPECIFICATIONS	
Botanical Source	Citrus Bergamia Risso et Poit.	
Family	Rutaceae	
Country of Origin	Calabria, Italy	
Part Used	Fruit	
Shelf Life	2 years, if correctly stored	
ORGANOLEPTIC CHARACTERISTICS	SPECIFICATIONS	
Colour	Yellow Powder	visual (CQ-MO-148)
Odour	Aromatic	visual (CQ-MO-148)
Flavour	Characteristic of bergamot	sensory (CQ-MO-148)
CHEMICAL CHARACTERISTICS	SPECIFICATIONS	METHOD
Appearance	Powder	
Mesh Size	Pass 50 mesh	Sieve: (CQ-MO-023)
Tapped Density	50 - 70 g/100mL	PT CHIM 65 rev 0 2011
Moisture Content	< 10.0%	ISTISAN 96/34, pag 7
Organic Solvent Residue	Complies with Dir. 2009/32/CE	GC: (CQ-MO-168)
Pesticides Residue	Complies with Reg. UE 839/2008	PT CHIM 69rev 02 011
Pectin	> 15.0%	IM
Tot. active ingredient strength (Neoeriocitrin, Naringin, Neohesperedin, Melitidin, Brutieridin)	> 1.5 %	HPLC
HEAVY METALS	UNIT	RANGE
Arsenic	mg/kg	<1.0
Lead	mg/kg	<0.5
Cadmium	mg/kg	<0.5
Mercury	mg/kg	<0.3
MICROBIOLOGICAL EVALUATION		
Aerobic Plate Count	<10,000 CFU/g	ISO 4833-1:2013
Yeast and Mold Count	<1,000 CFU/g	ISO 21527-1:2008
E. Coli	Negative	ISO 16694-2:2001
Coliform	Negative	ISO 4832:2006
Salmonella	Negative	UNI EN ISO 6579:2000
Staphylococcus Aureus	Negative	UNI EN ISO 6888-2:2004
Streptococci	Negative	PT BAT26 rev0 02012
PRODUCT TREATMENT		
Drying Method	Hot air	

Bergamot Fiber

NUTRITIONAL FACTS

PRODUCT NAME:	Bergamot Fiber
IDENTIFICATION CODE:	BRGFBRDC
NUTRIENTS	AMOUNT per 100g
Calorific Value (kcal)	150 - 400
Fat (%)	< 3.0
Ash (%)	< 7.0
Total Carbohydrates (%)	> 40.0
Protein (%)	< 10.0
Water (%)	< 10.0

RECOMMENDED STORAGE CONDITIONS:

Store in a fresh and dry place, repaired from light and humidity sources.

BEST BEFORE:

24 months under the previously mentioned conditions and in its original packaging.

PACKAGING:

15 kg bags.

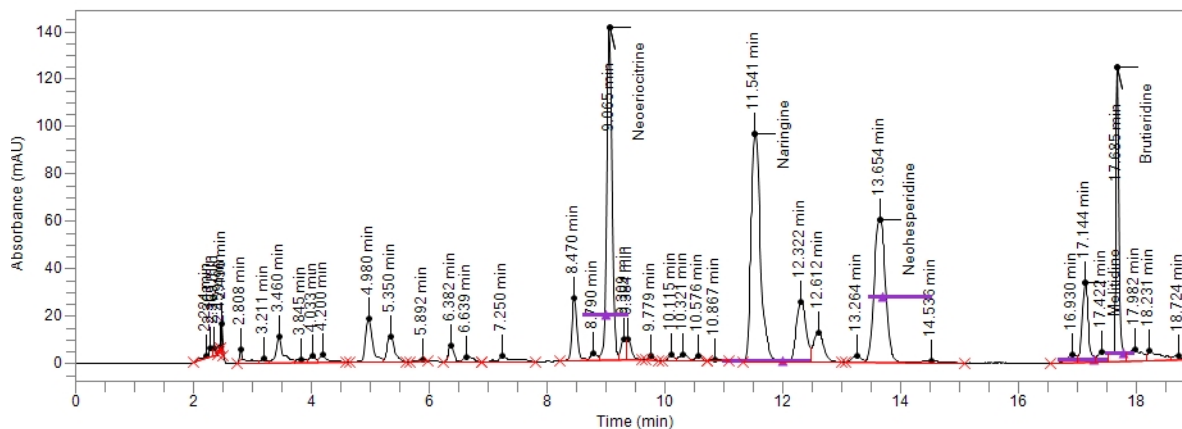


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SAMPLE REPORT

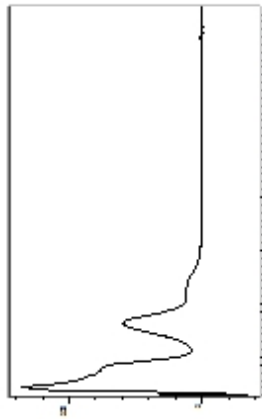
Acquisition Date/Time 14-Oct-22 09:27:10
 Acquisition Method Flavonoids ca. on Naringin_March22
 Chromera Version 4.2.0.6415
 Dilution Factor 21
 Report Date/Time 19-Oct-22 10:59:44
 Sample Name Bergamot Fiber Lot. 1402-22
 Vial Number 53

Bergamot Fiber Lot. 1402-22 : 284:10:400:10 : 1

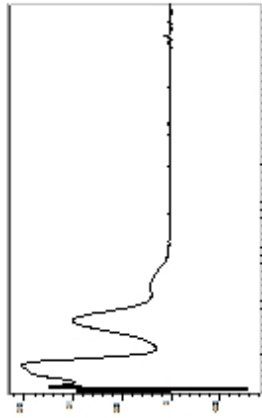


Peak #	Time	Component Name	Area	Height	Final Amount	Units
37	17.685	Brutieridine	460,428.7	124,257.2	2,286.9272	ppm
35	17.144	Melitidine	240,632.0	33,864.1	1,233.3295	ppm
28	11.541	Naringine	1,064,965.6	96,201.0	5,184.8012	ppm
20	9.065	Neoeriocitrine	900,833.9	140,543.2	4,398.0290	ppm
32	13.654	Neohesperidine	810,831.1	60,168.6	3,966.5970	ppm
Total			3,477,691.3		17,069.6840	

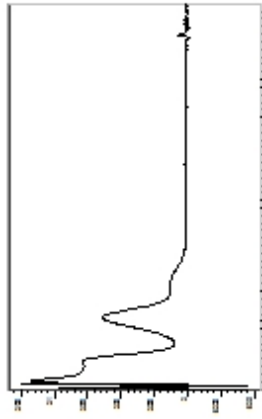
SAMPLE REPORT



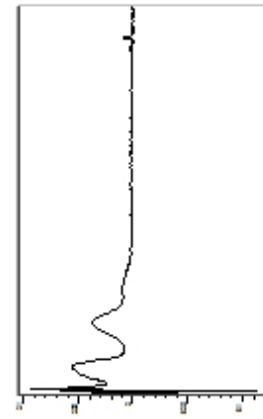
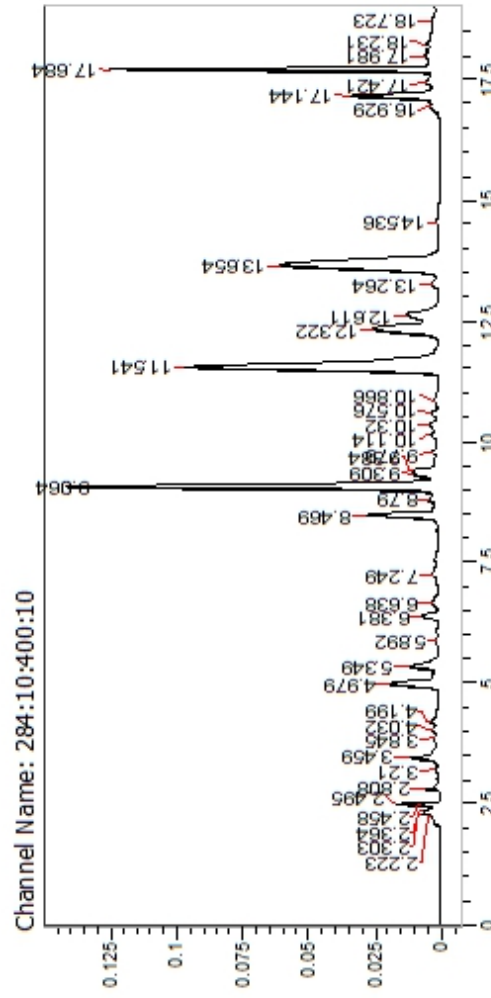
Peak: 20, 9.065min, Neohesperidine



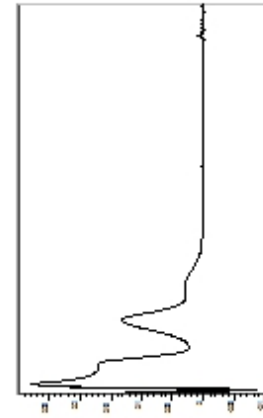
Peak: 28, 11.541min, Naringine



Peak: 32, 13.654min, Neohesperidine



Peak: 35, 17.144min, Melitidine



Peak: 37, 17.685min, Brutieridine

SAMPLE REPORT

Approved: _____
Signature: _____ Name: _____ Date: _____