Specification N° 12-2020

FIBRA DE ROSA MOSQUETA NATURAL
NATURAL ROSEHIP FIBRE
Rosa Canina – Rosa Rubiginosa
Code: RMN 3-1002

Ensayo / Test	Valor / Value		Método / Method
Aspecto general / General appearance	Polvo color amarillo claro/ Light yellow powder		Visual
Olor / Odor	Extra suave / extra mild		Olfactory
Tamaño de partícula/Particle size	99% min inferior/less than = 100u		GS CC-Lab 101 ASTM meshes
Peso específico / Specific gravity	530-570	g/lt	
ORAC Value Hidro	110-120	u moles TE/g	ORAC
ORAC Value Lipo	5-7	u moles TE/g	ORAC
ORAC Value TOTAL	115-127	u moles TE/g	ORAC Total
Polifenoles / polyphenols	5-7	mg/g	Folin Ciocalteu
Acidez / Acidity % H2SO4	0.4	% max	Titulación / Tritation
pH (suspensión al 10% / 10% suspension)	5.5-6.5		Instrumental
Proteínas / Proteins	5-15	%	AOCS Ba 4-38
Materia Grasa / Fat	0-1	%	AOCS Ba 3-38
ENN (Carbohydrates)	65-75	%	By difference
Fibra dietaria / Dietary Fiber	70-80	%	AOAC 991.43
- Fibra Soluble / Soluble Fiber	2-5	%	
- Fibra Insoluble / Insoluble Fiber	65-76	%	
Cenizas / Ash	2-4	%	AOCS Ba 5-49
Humedad / Moisture	<10	%	AOCS ba 2-38
Gluten	Free		
Calcio / Calcium	160-200	mg/100g	AOAC 927.02 Ed.18
Magnesio / Magnesium	80-200	mg/Kg	AOAC 965.09 Ed. 18
Fósforo total / Total Phosphorus	100-160	mg/100g	AOAC 957.02 Ed.18
Sodio / Sodium	1-15	mg/100g	AOAC 985.35 Ed.18
Zinc	10-15	mg/Kg	AOAC 999.10 Ed.18
Selenio / Selenium	<0.05	mg/Kg	AOAC 986.15 Ed.18
Hierro / Iron	30-90	mg/Kg	AOAC 999.10 Ed.18
Potasio / Potasium	60-160	mg/100g	AOAC 965.09 Ed.18
Cobre / Copper	0-7	mg/Kg	AOAC 999.10 Ed.18
Pesticidas / Pesticides	Free From OC OP		GC MS/MS, HPLC MS/MS
Hexano / Hexane	Libre /Free		GC MS/MS
Recuento total aeróbios mesófilos/ Total aerobic count	<10000	UFC/g	
Recuento de Mohos y Levaduras / Mold and Yeast Count	<1000	UFC/g	AOAC 995.21 Ed.18
Salmonella	Negative	NMP/g (50g)	AOAC 967.27 Ed.18
Azúcares Totales / Total sugars	1.6-1.8	g/100g	HPLC/IR AOAC 982.14 Ed.18
Vitamina B1 (Tiamina)	30-40	mg/Kg	AOAC 957.17 Ed.18
Vitamina B2 (Riboflavina)	ND	mg/Kg	AOAC 957.17 Ed.18
Vitamina B3 (Niacina)	55-60	mg/Kg	AOAC 957.17 Ed.18
Vitamina C	8-10	mg/Kg	HPLC/DAD

Aprobado por/ Approved by : Julio Thiel Fecha: 04/02/2020

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