



Document identification  
FAD 27 - Version 1

### Control analysis of Quality

No. CCF 26814

Pattern	2021-01-20
Reception	2021-01-21
Report	2021-02-01
Issue	2021-02-03
Order of T. #	69449

EMPRESA BIOEXPORT SAS	
DIRECTION Cra 65 No. 67 B - 90	
CIUDAD	Bogotá
THREAD	901202782

DESCRIPTION: Solid Organic Subscription	
IDENTIFICATION: DINKKA, A Base of Residues of Vegetable Origins	
CHARACTERISTICS: Dark colored coffee product with vegetable material	
OTHER DATA: Contrato No. 1234 - Muestra 1	
PROCEDURE: MADRID	CUNDINAMARCA

### HUMEDA BASE REPORT

				ANALYTICAL METHODS		
Dry pH Density in Saturated	0.25	g / cm3			LBC 43 Gravimetry	
Pasta	5.91				LBC 44 Potentiometry	
CE at Extract Saturation	1.53	dS / m			LBC 41 Potentiometry	
Humedad	28.50%	P / P			NTC 35 Gravimetry	
Cenizas	41.94	% P / P			LBC 39 Gravimetry	
Insoluble Residue in Acido	28.32%	P / P			LBC 21 Gravimetry	
CIC	52.57 meq / 100g				NTC 5167 Volumetry	
Total Nitrogen	0.46	% P / P			Sum of Nitrogen	
Total Potasio	0.05	% P / P	K2O Total	0.06	% P / P	NTC 202 Emission
Total Football	1.50	% P / P	CaO Total	2.10	% P / P	NTC 1369 Atomic Absorption
Total Magnesium	0.33	% P / P	MgO Total	0.54	% P / P	NTC 1369 Atomic Absorption
Total Phosphorus	0.26	% P / P	P2O5 Total	0.61	% P / P	NTC 234 Colorimetry
Total Silicon	10.15%	P / P	SiO2 Total	21.73%	P / P	LBC 89 Colorimetry
Azufre	0.09	% P / P				NTC 1154 Turbidimetry
Sodium	0.01	% P / P				NTC 1146 Emission
C. Total Oxidable Body	10.64%	P / P				NTC 5167 Walkey Black
Rel (C / N)	23.25					Calculus
Humidity retention	111.33%	P / P				NTC 5167 Gravimetry
Lost by Volatización	29.56%	P / P				NTC 5167 Gravimetry

NOTE: Mineral extraction is carried out with HNO3 - HClO4 in proportion (2: 1)

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Pag. 1 / 2

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CIUDAD Bogotá	CHARACTERISTICS: Dark colored coffee product with vegetable material
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	CUNDINAMARCA

**SECAST REPORT**

			ANALYTICAL METHODS	
Arsenic (As) Total	0.46	mg / kg	LBC 160 Grain top	
Cadmium (Cd) Total	0.10	mg / kg	LBC 74 Atomic Absorption	
Cromo (Cr) Total	7.55	mg / kg	LBC 71 Atomic Absorption	
Mercury (Hg) Total	<5.00	mg / kg	LBC 73 Atomic Absorption	
Nickel (Ni) Total	3.22	mg / kg	LBC 75 Atomic Absorption	
Plomo (Pb) Total	3.37	mg / kg	LBC 76 Atomic Absorption	

**NOTE: Mineral extraction is carried out with water (HCl-HNO<sub>3</sub>) in proportion 3: 1**

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Pag 2 / 2

End of the report

*Somos su mejor alternativa...*

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