

BULLETIN NUMBER: 20094887

ARDOA ORGANICS S.L
C/Nuñez Vasco de Balboa 63, nave 14
19180- Marchamalo (Guadalajara)

Sample description: Hemp oil
Customer reference: SEEDEX1004
Picked up by: The customer

Received date: 20/02/2020
Delivery date:

Expiration date:

Other interesting information: NUTRITIONAL INFO/VITAMINS/MINERALS/FATTY ACIDS
 20-02

Start date analysis: 21/02/2020 **End date analysis:** 12/03/2020 **Submitting date analysis:** 13/03/2020

PARAMETERS Units	RESULT	METHOD	REFERENCE LIMITS
Vitamin A (IU/100g)	<5	HPLC	
Vitamin E (mg/Kg)	<5	HPLC	
Calcium (mg/Kg)	23	Atomic absorption spectroscopy	
Magnesium (mg/Kg)	13	Atomic absorption spectroscopy	
Potassium (mg/Kg)	7	Atomic absorption spectroscopy	
Iron (mg/Kg)	2.4	Atomic absorption spectroscopy	
Zinc (mg/Kg)	1.2	Atomic absorption spectroscopy	
Phosphorus (mg/Kg)	<250	Atomic absorption spectroscopy	
Moisture (%)	<0.1	Desiccation (103°C)	
Ashes (%)	<0.1	Calcination (550°C)	
Energy (Kcal/100g)	899	Estimate	
Energy (KJ/100g)	3697	Estimate	



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Protein (%)	<0.3	PNT-LACC/FQ034	
Carbohydrates (%)	<0.5	Estimate	
Sugars (%)	<0.5	PNT-LACC/FQ087	
Sodium x2.5 (%)	<0.013	PNT-LACC/FQ208	
Total fat (%)	99.84	Estimate	
Polyunsaturated fat (%)	79.64	GC-FID	
Monounsaturated fat (%)	9.83	GC-FID	
Saturated fat (%)	10.37	GC-FID	
Palmitic acid C16:0 (%)	6.44	PNT-LACC/FQ179	
Pamitoleic acid C16:1(%)	0.14	PNT-LACC/FQ179	
Margaric acid C17:0 (%)	0.66	PNT-LACC/FQ179	
Stearic acid C18:0 (%)	2.37	PNT-LACC/FQ179	

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Oleic acid C18:1c (%)	9.23	PNT-LACC/FQ179	
Linoleic acid C18 :2 (%)	56.06	PNT-LACC/FQ179	
γ- linolenic acid C18 :3 (%)	4.46	PNT-LACC/FQ179	
Linolenic acid C18:3c (%)	19.25	PNT-LACC/FQ179	
Arachidic acid (%)	0.92	PNT-LACC/FQ179	
Gadoleic acid (%)	0.44	PNT-LACC/FQ179	
Behenic acid C22:0 (%)	0.37	PNT-LACC/FQ179	
Lignoceric acid C24:0 (%)	0.17	PNT-LACC/FQ179	


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