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CERTIFICATE OF QUALITY
№25/05 from 25.05.2018

ACEITE ESPINO CERVAL. INGERIBLE. PRIMERA PRESIÓN EN FRÍO.

Name of product: Sea Buckthorn fruit oil (edible, natural oil)
Назва: Олія з плодів обліпихи (харчова олія, холодного віджиму)
INCI name: Hippophaë Rhamnoides fruit Oil
Raw material: Sea Buckthorn fruits
Country of origin: Ukraine
Production: Cold pressed
Regulatory of document: TU U 10.4-41871114-001:2018
Series: 250518
Production date: 25.05.2018

Indicators test	Requirements	Test data	Result
Transparency	Transparent liquid without sediment. Slight turbidity is not a marriage.	Transparent liquid without sediment.	Corresponds
Smell and taste	Smell and taste typical of sea buckthorn oil, without outside odor and taste bitter	Smell and taste typical of sea buckthorn oil, without outside odor and taste bitter	Corresponds
Colour	From yellow to dark orange, different concentration	Dark orange	Corresponds
Acid number, mg KOH/1g	No more than 4,0	0,29	Corresponds
Moisture and volatile matter %	No more than 1,0	0,22	Corresponds
Mass fraction of non-fatty impurities (by mass)%	Not more than 0,5	0,016	Corresponds
Peroxide number, ½ O mg/kg	No more than 10,0	1,07	Corresponds
Entrobacterae in 1g/c.cm	absent	Not detected	Corresponds
Staphylococcus aureus in 1g/c.cm	absent	Not detected	Corresponds
Ps.aeruginosa in 1g / c.cm	absent	Not detected	Corresponds
Nonoleaginous impurities, %	Not more than 0,10	Not detected	Corresponds
Mass fraction of phosphours-containing substances,% In terms of stearoleolesting	Not more than 0,5	0,23	Corresponds
Mass fraction of carotenoids mg/kg	Not less than 180	300	Corresponds
Ignition temperature, C	Not more than 225	meets	Corresponds
Mass fraction of heavy metals and pesticides:			
Lead, mg/kg	Not more than 0,1	0,003	Corresponds
Cadmium, mg/kg	Not more than 0,05	0,002	Corresponds

Arsenic, mg/kg	Not more than 0,1	0,001	Corresponds
Mercury, mg/kg	Not more than 0,003	0,02	Corresponds
Copper, mg/kg	Not more than 0,5	0,2	Corresponds
Zinc, mg/kg	Not more than 5,0	0,1	Corresponds
Iron mg/kg	Not more than 5,0	0,6	Corresponds
HHTSK gamma isomer (hexachloran) mg/kg	Not more than 0,05	0,02	Corresponds
Hptachlor mg/kg	Not allowed	Not allowed	Corresponds
DDT mg/kg	Not more than 0,1	0,02	Corresponds
rtutorganicheskie	Not allowed	Not allowed	Corresponds

Conclusion: the sample "Sea Buckthorn fruit oil" series 250518 meets the requirement TU U 10.4-41871114-001:2018 on these indicators. The radionuclide content does not exceed the DR 2006

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