

**Table 1. Test results**

Parameter	Results	MRL	Method
1. pH value	5,7	4,0 – 10	Pravilnik 15 metoda A
2. Lead1 (mg/kg)	<0,1	10	DML 10.1
3. Cadmium1 (mg/kg)	<0,01	1,0	DML 10.1
4. Chromium1 (mg/kg)	<0,1	50	DML 10.1
5. Nickel1 (mg/kg)	<0,1	50	DML 10.1
6. Arsenic1 (mg/kg)	<0,1	5,0	DML 10.1
7. Mercury1 (mg/kg)	<0,01	3,0	DML 10.1
8. Methylparaben (%)	<0,01		EU Directive 96/45/EC
9. Ethylparaben (%)	<0,01		EU Directive 96/45/EC
10. Propylparaben (%)	<0,01	0,5	EU Directive 96/45/EC
11. Butylparaben (%)	<0,02		EU Directive 96/45/EC
12. Sodium benzoate (%)	<0,01	0,2	DML 10.2
13. Potassium sorbate (%)	<0,005	0,3	DML 10.2
14. Pesticides screening (mg/kg)*	<0,01	-	EN 15662
15. Total aerobic mesophilic bacteria count (cfu/g)	<10	1000	Regulation 15 method G II/1
16. Count of yeast and moulds (cfu/g)	<10	100	Regulation 15 method G II/1
17. Coagulase - positive staphylococci (cfu/0,1g)	does not contain	must not contain	Regulation 15 method G II/2
18. Pseudomonas aeruginosa (cfu/0,1g)	does not contain	must not contain	Regulation 15 method G II/3
19. Escherichia coli (cfu/0,1g)	does not contain	must not contain	Regulation 15 method G II/4
20. Proteus species (cfu/0,1g)	does not contain	must not contain	Regulation 15 method G II/5

1 Metal content in the 0,1 mol/L HCl extract after 15 min at 100°C

15- Regulation of methods for pH measurement and quantities of toxic metals and nonmetals in cosmetics and agents for personal hygiene as well as microbiological safety of these products Official Gazette SFRJ 46/83,

MRL – Regulation on Health&Safety of consumer goods which can be placed in the market Official Gazette SFRJ 26/83,

61/84, 56/86, 50/86, 50/89 i 18/91.

\* Individual pesticides analyzed: Alachlor, Aldrin, Ametryne, Atrazine, Azoxystrobin,  $\alpha$ -BHC,  $\beta$ -BHC,  $\gamma$ -Beta,  $\delta$ -BHC, Bifenthrin, Boscalid,

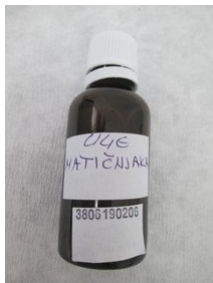
Chlordane alpha-cis, Chlordane gamma-trans, Chlorobenzilate, Chloroneb, Chlorothalonil, Chlorpropham, Chlorpyrifos-ethyl, Cyanazine, Cycloate,

Cyprodinil, DDD p,p', DDE p, p', DDT p,p', Deltamethrin, Dichlorvos, Dieldrin, Endosulfan, Endosulfan sulfate, Endrin, EPTC, Fludioxonil,

Heptachlor, Heptachlor epoxide, Methoxychlor, Metolachlor, Metribuzin, Mevinphos, Molinate, Nonachlor-trans, Pebulate, Permethrin, Prometryn,

Propachlor, Propazine, Pyrimethanil, Simazine, Simetryn, Terbacil, Transfluthrin, Trifluralin, Vernolate

Inclosure: Image of the analyzed sample



Responsible analyst for microbiological testing:

Zorana Mitrić, Spec. of engineer tehnology.

Report prepared:

Jelena Simić

Head of department for non-food products analysis

Ilija Tomić Grad.Eng.Techn.

Belgrade, 27.06.2018. god.

**EXPERT OPINION No. 3806190206**

Request of the day 19.06.2018.

Request no. 3806190206

Sample identification: 3806190206

**Expert opinion:**

Based on results of laboratory tests it was concluded that the following samples are:

Sample	Opinion
Matičnjak Oil	fulfill health and safety criteria

according to requirement prescribed by the Regulation on conditions related to the safety of nonfood consumer products that can be placed on the market (Official Gazette SFRJ no. 26/83, 61/84, 56/86, 50/89, and 18/91). Analysed samples meet also corresponding requirements of the Law on health safety of non-food consumer products that can be placed on the market (Official Gazette RS 92/11) and according to Regulative 76/768/EEC.

Opinion issued by:

Nebojša Pokimica, Spec. of toxicological chemistry