

# TEST REPORT



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**Name of the client:** USA Medical Kft.  
**Address:** 2040 Budaörs, Puskás Tivadar út 10.

ÉMI-TÜV SÜD Kft.  
Central Laboratory  
KERMI Department

Budapest, 05 03 2021

Test report No.: R-1673413/3

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**Date of application:** 15 02 2021

**Name of test samples:** USA Medical Oral Care Hemp oil Blend  
500 Orange Flavored

**Subject of application:** Oral care oil tests according to the  
Applicant request.

**Receipt date of test samples:** 17 02 2021

**Testing period:** 17 02 2021- 05 03 2021

Remark: The result relates only to the items tested

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**Name of test samples:**

**USA Medical Oral Care Hemp oil Blend  
500 Orange Flavored**



The samples were submitted by the Applicant.



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**Test results:****1. Physical, chemical tests**

Test parameters	Test results	Test method
	USA Medical Oral Care Hemp oil Blend 500 Orange Flavored	
Outer:	Intense orange colour, oily texture, liquid with a characteristic odour of raw materials.	MSZ 11433-3:1982 (standard withdrawn)
Dry matter content, % w/w	97,2 ± 5 rel. %	MSZ 11433-14:1983 (standard withdrawn)
pH (tested in solution 1%):	6,9 ± 0,1	MSZ 11433-4:1982 (standard withdrawn)
Fat content, % (m/m)	96,8 ± 5 rel. %	MSZ 11433-5:1983 (standard withdrawn)
Fat saponification number, mg KOH/g	209,9 ± 5 rel. %	MSZ 11433-5:1893* (standard withdrawn)
Heat stability: 37 °C, 120 hours:	No change.	MSZ 11437:1988 (standard withdrawn)

\*Non-accredited method.

**2. Heavy metal content**

Vizsgálati módszer: ICP-MS; MSZ EN ISO 17294-2:2017

Test parameters	Test results ± 10 rel. %	Requirement Bundesamt für Verbraucherschutz und Lebensmittelsicherheit (BVL) 2016
	USA Medical Oral Care Hemp oil Blend 500 Orange Flavored	
Lead (Pb), mg/kg	<0,1	<2 mg/kg
Cadmium (Cd), mg/kg	<0,1	<0,1 mg/kg
Antimony (Sb), mg/kg	<0,1	<0,5 mg/kg
Arsenic (As), mg/kg	<0,2	<0,5 mg/kg
Mercury (Hg), mg/kg	<0,1	<0,1 mg/kg

LOQ : Pb, Cd, Sb, Hg: 0,1 mg/kg; As: 0,2 mg/kg.



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### 3. Microbiological tests

Sample preparation: MSZ EN ISO 21148:2017

Microbiological parameters	Test results CFU/g	Requirements	Test method
	USA Medical Oral Care Hemp oil Blend 500 Orange Flavored	MSZ EN ISO 17516:201*	
Total Aerobic Mesophilic microorganisms	<10	$\leq 1 \times 10^{3^*}$	MSZ EN ISO 21149:2017
Yeast and mould	<10		MSZ EN ISO 16212:2017
Staphylococcus aureus:	negative	negative	MSZ EN ISO 22718:2016
Pseudomonas aeruginosa:	negative	negative	MSZ EN ISO 22717:2016
Escherichia coli:	negative	negative	MSZ EN ISO 21150:2016
Candida albicans:	negative	negative	MSZ EN ISO 18416:2016

\* Total count of Total Aerobic Mesophilic microorganisms and Yeast and mould count

#### Evaluation:

**Heat stability, heavy metal content:** Pass

**Microbiological test:** Pass

The tested samples are waste and accordingly are disposed.

ÉMI-TÜV SÜD Kft.  
KERMI Department

Zita Nagy  
Expert



ÉMI-TÜV SÜD Kft.  
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