

**MARINEX****23 YEARS OF SCIENTIFIC RESEARCH**

ON THE EFFECTS OF NUTRITION CONSISTENT WITH THE GENETICS AND PHYSIOLOGY OF THE HUMAN BODY

Biochemical product analysis

BioMarine® Medical Immuno & Neuro Lipids (capsules)

Series: **2210101**Production date: **10.2022**Best before: **10.2025**

Analytical specification:

| Parameter | Specification | Score | Unit | Method |
|--|---|------------|-----------|------------------------|
| EPA (eicosapentaenoic acid omega-3) | min. 320 | 311 | mg / 5 ml | Computational |
| DHA (docosahexaenoic acid omega-3) | min. 1000 | 1009 | mg / 5 ml | Computational |
| Sum of omega-3 fatty acids | min. 1420 | 1534 | mg / 5 ml | Computational |
| Squalene | min. 370 | 387 | mg / 5 ml | Computational |
| DAGE (Diacylglycerols) | min. 850 | 976 | mg / 5 ml | Computational |
| AKG (Alkylglycerols) | min. 340 | 389 | mg / 5 ml | Computational |
| Vitamin A | report | 693 | IU / 5 ml | AOAC 974.29 Mod |
| Vitamin D ₃ | report | 35 | IU / 5 ml | Huang etc. MS 2014 |
| Appearance (room temperature) | Transparent capsule, filled with yellow oil | Compatible | - | Visual |
| Peroxide number (PV) | max. 5 | 2,0 | meq/kg | Ph.Eur. 2.5.5 (Met.A) |
| Anisidine number (AV) | max. 20 | 6,9 | - | Ph.Eur. 2.5.36 |
| Acid number | max. 2 | 0,6 | mg KOH/g | Ph.Eur. 2.5.1 |
| TOTOX | max. 26 | 10,9 | - | Computational |
| Lead | max. 3 | passed | mg/kg | AAS/ICP-OES/MS |
| Cadmium | max. 1 | passed | mg/kg | |
| Mercury | max. 0,1 | passed | mg/kg | |
| Inorganic arsenic | max. 0,1 | passed | mg/kg | |
| Total arsenic | raport | passed | mg/kg | |
| PCB (IUPAC No 28,52,101,138,153,180) | max. 0,200 | passed | mg/kg | HRGC-HRMS (EN1948 mod) |
| Dioxins and furans (WHO-PCDD/F-TEQ) | max. 1,75 | passed | pg/g | HRGC-HRMS (EN1948 mod) |
| DI-PCBs (WHO-PCB-TEQ) | max. 6,0 | passed | pg/g | |
| Benzopyrene | max. 2,0 | passed | µg/kg | GC-MS |
| Benzopyrene + Benzoanthracene + Benzofluoranthene + Chrysene | max. 10,0 | passed | µg/kg | GC-MS |
| 3-MCPD | max. 2500 | passed | µg/kg | GC-MS |
| Glycidol | max. 1000 | passed | µg/kg | GC-MS |

**MARINEX****23 YEARS OF SCIENTIFIC RESEARCH**

ON THE EFFECTS OF NUTRITION CONSISTENT WITH THE GENETICS AND PHYSIOLOGY OF THE HUMAN BODY

Biochemical product analysis

BioMarine® Medical Immuno & Neuro Lipids (kapsułki)

Series: **2210101**Production date: **10.2022**Best before: **10.2025**

Analytical specification:

| Parameter | Specification | Score | Unit | Method |
|----------------------------------|---------------|--------|-------------|---------------------|
| Total number of bacteria | ≤ 1000 | passed | CFU/g | External laboratory |
| Total number of molds and yeasts | ≤ 100 | passed | CFU/g | |
| Enterobacteria | ≤ 100 | passed | CFU/g | |
| <i>Escherichia coli</i> | Negative | passed | none / 10 g | |
| <i>Salmonella</i> | Negative | passed | none / 10 g | |
| <i>Staphylococcus aureus</i> | Negative | passed | none / 10 g | |
| <i>Listeria monocytogenes</i> | Negative | passed | none / 25 g | |

Data presented on the basis of laboratory analyzes and manufacturer's certificate.

Additives: mixed tocopherols (E306), natural blueberry flavor. Shell ingredients: gelatin, glycerol, water.