LABCLUSTER
laboratory cluster

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PRICE-LIST FOR NATURAL WATER ANALYSIS

Prices are valid from 1.03.2020

	The studied indicators	Price for 1 research, rub.
	Chemical research	
1	pH, smell, taste, electrical conductivity, temperature, redox potential (1 index)	**100**
2	Transparency, dissolved oxygen, turbidity, film presence, color, salinity, TDS (concentration of dissolved salts) (1 index)	**250**
3	Suspended substances, dry residue, color, ammonium, ammonia, ammonium nitrogen, bicarbonates, carbonates, alkalinity, hardness, chlorides, nitrates, nitrate nitrogen, nitrites, nitrite nitrogen, residual chlorine, free chlorine, active chlorine, sulfates, fluorides, hydrogen sulfide, phosphates, orthophosphates, polyphosphates, phosphorus (total/mineral), sulfides, permanganate oxidability, calcined residue, free carbon dioxide (1 index)	**300**
4	Manganese, copper, zinc, nickel, molybdenum, aluminum, cadmium, lead, tin, selenium, vanadium, sodium, potassium, cobalt, calcium, magnesium, antimony, strontium, chromium, iron, silicon, sulfur (1 index)	**330**
5	BOD5, COD (1 index)	**400**
6	Mercury, arsenic, lithium, titanium, bismuth, tungsten, beryllium, silver, thallium, barium, tellurium, thorium, uranium, gold, holmium, indium, iridium, lanthanum, lutetium, neodymium, samarium, terbium, thulium, cerium, caesium, dysprosium, erbium, europium, gallium, gadolinium, germanium, hafnium, palladium, protactinium, platinum, rubidium, rhenium, rhodium, ruthenium, scandium, yttrium, ytterbium, zirconium (1 index)	**420**
7	Formaldehyde, boron, SSAS, anionic SSAS, non-ionic SSAS, cationic SSAS, bromide ion, iodide ion, iodine, carbon dioxide (1 index)	**420**
8	BOD total	**500**
9	Total nitrogen, petroleum products, phenols (phenol index), cyanides, organic carbon, inorganic carbon, fat, urea (1 index)	**600**

10	Mass concentration of ether-recoverable substances	**800**
11	Phenol (hydroxybenzene), 3-methylphenol, 4-methylphenol, 4-ethylphenol, 2-chlorophenol, 4-chlorophenol, 2,4-dichlorophenol, 2,4,6-trichlorophenol, pentachlorophenol (separately and in total)	**900**
12	Phenol, o-,m-,p-Cresols, o-,p-ethylphenols, 2-Isopropylphenol, xylenols (sum of isomers), 2,3,5-Trimethylphenol, o-Cresol, m-Cresol, p-Cresol, p-Ethylphenol, o-Ethylphenol, 2-Isopropylphenol, 2,3-Xylenol, 2,4-Xylenol, 2,5-Xylenol, 2,6-Xylenol, 3,4-Xylenol, 3,5-Xylenol (separately and in total)	**900**
13	Chlorophyll A (concentration of phytopigments)	**1000**
14	Xanthates, rodanides, dimethoate, karbofos, parathion-methyl, fozalon, atrazine, simazine, prometrin, propazin, pheophytin A, chlorophyll b, chlorophyll C1+C2, carotenoids (1 index)	**1600**
15	Benzo(a)pyrene	**1600**
16	VHOC: chloroform (trichloromethane), bromoform (tribromethane) carbon tetrachloride (carbon tetrachloride), dichloromethane, 1,2 - dichloropropane, 1,1-dichloroethane, 1,2-dichloroethane, 1,1 - Dichloroethane, 1,1-dichloroethane, 1,1-1,2-Dichloroethane, tetrachloroethene (tetrachloroethylene), 1,1,1-trichloroethane, 1,1,2 - trichloroethane, trichloroethene (trichloroethylene), dibromochloromethane, dichlorobromethane (separately and in total)	**2 000**
17	Methane, methanol, acetone (1 index)	**2 500**
18	Acrylic acid, methacrylic acid, methylacrylate, methyl methacrylate, butylacrylate, butylmethylacrylate, 2-ethylhexylacrylate (1 index)	**2 500**
19	Polyaromatic hydrocarbons (PAHs): Benz(k)fluoranthene, naphthalene, phenanthrene, acenaften, benz(a)anthracene, benz(a)pyrene, fluoranthene, pyrene, indene(1,2,3-CD) pyrene, fluorene, anthracene, chrysene, benz(b)fluoranthene, dibenz (a,h)anthracene, benz(g,h,i)perylene, perylene, tetrafene, benz(e)pyrene, dibenz(Ah)perylene, (separately and in total)	**2 500**
20	Organochlorine pesticides (OCPs): alpha-HCCH, gamma - HCCH, beta-HCCH, 4,4'-DDE, 4,4'-DDT, 4,4'-DDD, 2,4'-DDT, dicofol, trifluralin, hexachlorobenzene, dihydroheptachlor, heptachlor, aldrin, dieldrin, eldrin, alpha-chlordane, gamma-chlordane, heptachlor epoxide (isomers a and b) (separately and in total)	**2 500**
21	2,4-D, MCPA (separately and in total)	**2 500**
22	Polychlorinated biphenyls (PCBs) - the sum of 7 "referent" PCBs: 2,4,4? - trichlorobiphenyl (PCB 28), 2,2?,5,5?- tetrachlorobiphenyl (PCB 52), 2,2?,4,5,5?-pentachlorobiphenyl (PCB 101), 2,3?,4,4?,5-pentachlorobiphenyl (PCB 118), 2,2?,3,4,4?,5?-hexachlorobiphenyl (PCB 138), 2,2?,4,4?,5,5?- hexachlorobiphenyl (PCB 153), 2,2,3,4,4,5,5-heptachlorobiphenyl (PCB 180) (separately and in total)	**2 500**

23	VOCs (volatile organic compounds): acetone, butanol-1, butanol-2, propanol-2 (isopropanol), methanol, propanol-1, pentanol-1, cyclohexanol, butyl acetate, ethyl acetate, propyl acetate (separately and in total)	**3 000**
24	VAH: Benzene, toluene, ethylbenzene, cumol (isopropylbenzene), m, p-xylenes (in total), ortho-xylene, styrene (separately and in total)	**3 000**
25	Ethylene glycol (EG), diethylene glycol (DEG)	**4 500**
26	The concentration of micro-plastic, micro-plastic distribution by coverage, density/specific gravity of microplastic, composition of microplastic by density value	**5 000**
27	Saturated hydrocarbons (alkanes) C9 - C32 (individual substances and fractions)	**5 800**
28	PCTs (polychlorinated terphenyls)	**9 000**
29	Total PCDD (dioxins) and PCDF (furans)	**38 900**
Radiological research		
30	Total alpha (Aα) and beta (Aβ) activity	**4 000**
31	222Rn (radon)	**2 500**
32	137Cs, 90Sr (together)	**6 000**
Microbiological and parasitological research		
33	Spores of sulfitereducing clostridia	**250**
34	TMC, OCB, TCB, Stapylococcus aureus (staphylococcs), E. coli, Campilobacter jejuni (1 index)	**300**
35	Pseudomonas aeruginosa	**350**
36	Coliphages, enterococcs (1 index)	**400**
37	Legionella pneumophila (Legionella)	**750**
38	Pathogens (including Salmonella)	**950**
39	Helminths and protozoan cysts (Parasitology)	**950**
Toxicological research		
40	Acute toxicity (2 test objects)	**3 000**
41	Chronic toxicity	**18 000**