LABCLUSTER laboratory cluster

A group of independent accredited laboratories in St. Petersburg

All types of laboratory research

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PRICE-LIST FOR SOIL AND GROUND RESEARCH

Prices are valid from 1.03.2020

	The studied indicators	Price for 1 research, rub.
Chemical research		
1	рН	120
2	Moisture, ash content (1 index)	300
3	Ammonium nitrogen, nitrate nitrogen, nitrite nitrogen, sulfates, chlorides, phosphorus, sulfur, carbonates, bicarbonates, silicon dioxide, sulfides, alkalinity (1 index)	350
4	Cadmium, nickel, chromium, copper, zinc, manganese, cobalt, iron, molybdenum, lead, sodium, potassium, calcium, magnesium, aluminum, silicon, beryllium, vanadium, bismuth, tin, selenium, lithium, tungsten, antimony, strontium (1 index)	350
5	Density of the soil skeleton (particles)	500
6	Mercury, arsenic, silver, titanium, yttrium, lanthanum, rubidium, scandium, thallium, tellurium, thorium, uranium, cerium, caesium, bromine, boron, barium (1 index)	520
7	Organic matter, humus, ASSAS, CSSAS, non-ionic SSAS, formaldehyde, gypsum, sum of absorbed bases (1 index)	600
8	Degree of salinity, fluidity index, number of plasticity, porosity coefficient, porosity, degree of salinity, degree of heterogeneity of granulometric composition, water saturation coefficient (1 index)	600
9	Petroleum products, total nitrogen, organic carbon, phenol, phenols, cyanides (1 index)	650
10	Upper limit of plasticity is the soil moisture at the fluidity limit, lower limit of plasticity is the soil moisture at the rolling-out limit (1 index)	750
11	Chloroform, carbon tetrachloride, methyl chloride, methylene chloride, vinyl chloride, 1,2-dichloroethane, trichloroethylene, 1,1,2-trichloroethane, vinylidene chloride (1 index)	900
12	Granulometric composition	950
13	Base saturation (calculated from the sum of absorbed bases and hydrolytic acidity)	950
14	CEC (cation exchange capacity)	1 300

15 Total exchangeable cations 16 Benz(a)pyrene, methane, gasoline (1 index) 17 M-Xylene, O-Xylene, P-Xylene, Styrene (separately and in total) 18 Acrylic acid, methacrylic acid, methylacrylate, methyl methacrylate, butylacrylate, butylmethylacrylate (1 index) 19 Benzene, toluene (separately and in total) 20 Polychlorinated biphenyls (PCBs): PCB-28, PCB-52, PCB-101, PCB-138, PCB-153, PCB-180 (separately and in total) 21 Chlorine -, dichlor -, trichlor -, tetrachlor -, pentachlor -, hexachlor -, heptachlorobiphenyls (separately and in total) 22 Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) 23 Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D 24 benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 25 Amount of water-soluble toxic salts 3 000 26 Methanol 3 800 27 PCTs (polychlorinated terphenyls) 9 000 28 Organotin compounds 14 000 29 Total PCDD (dioxins) and PCDF (furans)			
M-Xylene, O-Xylene, P-Xylene, Styrene (separately and in total) 2 500 Acrylic acid, methacrylic acid, methylacrylate, methyl methacrylate, butylacrylate, butylmethylacrylate (1 index) 2 500 Polychlorinated biphenyls (PCBs): PCB-28, PCB-52, PCB-101, PCB-138, PCB-153, PCB-180 (separately and in total) Chlorine -, dichlor -, trichlor -, tetrachlor -, pentachlor -, hexachlor -, heptachlorobiphenyls (separately and in total) Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) 3 Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 2 Amount of water-soluble toxic salts 3 000 Methanol 3 800 PCTs (polychlorinated terphenyls) Organotin compounds	15	Total exchangeable cations	1 520
Acrylic acid, methacrylic acid, methylacrylate, methyl methacrylate, butylacrylate, butylmethylacrylate (1 index) 19 Benzene, toluene (separately and in total) 20 Polychlorinated biphenyls (PCBs): PCB-28, PCB-52, PCB-101, PCB-138, PCB-153, PCB-180 (separately and in total) 21 Chlorine -, dichlor -, trichlor -, tetrachlor -, pentachlor -, hexachlor -, heptachlorobiphenyls (separately and in total) Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β -, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) 23 Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 24 Amount of water-soluble toxic salts 3 000 25 Amount of water-soluble toxic salts 3 000 26 Methanol 27 PCTs (polychlorinated terphenyls) 9 000 28 Organotin compounds	16	Benz(a)pyrene, methane, gasoline (1 index)	1 650
butylacrylate, butylmethylacrylate (1 index) 19 Benzene, toluene (separately and in total) 20 Polychlorinated biphenyls (PCBs): PCB-28, PCB-52, PCB-101, PCB-138, PCB-153, PCB-180 (separately and in total) 21 Chlorine -, dichlor -, trichlor -, tetrachlor -, pentachlor -, hexachlor -, heptachlorobiphenyls (separately and in total) Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, telodrin (separately and in total) 23 Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 25 Amount of water-soluble toxic salts 3 000 26 Methanol 3 800 27 PCTs (polychlorinated terphenyls) 9 000 28 Organotin compounds	17	M-Xylene, O-Xylene, P-Xylene, Styrene (separately and in total)	2 500
Polychlorinated biphenyls (PCBs): PCB-28, PCB-52, PCB-101, PCB-138, PCB-153, PCB-180 (separately and in total) Chlorine -, dichlor -, trichlor -, tetrachlor -, pentachlor -, hexachlor -, heptachlorobiphenyls (separately and in total) Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) 23	18		2 500
138, PCB-153, PCB-180 (separately and in total) 21 Chlorine -, dichlor -, trichlor -, tetrachlor -, pentachlor -, hexachlor -, heptachlorobiphenyls (separately and in total) Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) 23 Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 25 Amount of water-soluble toxic salts 3 000 26 Methanol 3 800 27 PCTs (polychlorinated terphenyls) 9 000 28 Organotin compounds	19	Benzene, toluene (separately and in total)	2 500
heptachlorobiphenyls (separately and in total) Organochlorine pesticides (OCP): hexachlorobenzene, pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) Amount of water-soluble toxic salts Methanol PCTs (polychlorinated terphenyls) Organotin compounds	20		2 800
pentachlorobenzene, α-HCCH, γ-HCCH, β-HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α-, β-, heptachlorepoxide, heptachlor, aldrin, dieldrin, isodrin, endrin, telodrin (separately and in total) Mass concentration of 2,4-dichlorophenoxyacetic acid herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 2 800 3 800 3 900 3 9000 3 9000 3 9000 3 9000 3 9000 3 9000 3 9000 3 9000	21	i i i i i i i i i i i i i i i i i i i	2 800
herbicide/2,4-D Sum of polyaromatic hydrocarbons (PAHs): anthracene, acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 25 Amount of water-soluble toxic salts 3 000 26 Methanol 3 800 27 PCTs (polychlorinated terphenyls) 9 000 28 Organotin compounds	22	pentachlorobenzene, α -HCCH, γ -HCCH, β -HCCH, 4,4-DDE, 4,4-DDD, 4,4-DDT, α -, β -, heptachlorepoxide, heptachlor, aldrin, dieldrin,	2 800
acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene, fluorene, chrysene (separately and in total) 25 Amount of water-soluble toxic salts 3 000 26 Methanol 3 800 27 PCTs (polychlorinated terphenyls) 9 000 28 Organotin compounds	23	l · · · · · · · · · · · · · · · · · · ·	2 800
26Methanol3 80027PCTs (polychlorinated terphenyls)9 00028Organotin compounds14 000	24	acenaphthene, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a)anthracene, indeno(1,2,3-c,d) pyrene, pyrene, naphthalene, phenanthrene, fluoranthene,	2 800
27PCTs (polychlorinated terphenyls)9 00028Organotin compounds14 000	25	Amount of water-soluble toxic salts	3 000
28 Organotin compounds 14 000	26	Methanol	3 800
	27	PCTs (polychlorinated terphenyls)	9 000
29 Total PCDD (dioxins) and PCDF (furans) 38 900	28	Organotin compounds	14 000
	29	Total PCDD (dioxins) and PCDF (furans)	38 900