

Ravimijääkide 2019 a. analüüsi tulemused

Emamektiin	155569-91-8	0,53	ng/L	1	nd	<0.53	nd	<0.53	<0.53	<0.53	nd	<0.53	<0.53	0,58	<0.53	<0.53
Enalapriil	75847-73-3	2,8	ng/L	44736	nd	nd	nd	<2.8	nd	nd	nd	<2.8	nd	nd	nd	nd
Eprosartaan	133040-01-4	2,2	ng/L	10000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Fenbendasool	43210-67-9	0,46	ng/L	15	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Feksofenadiin	83799-24-0	0,53	ng/L	200000	nd	<0.53	nd	<0.53	nd	nd	nd	<0.53	nd	<0.53	nd	nd
Flukonasool	86386-73-4	0,35	ng/L	15000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0,72
Flutikasoon	80474-14-2	0,62	ng/L	550	nd	nd	nd	nd	nd	nd	nd	<0.62	nd	nd	nd	<0.62
Gabapentiin	60142-96-3	4,3	ng/L	100000	9,7	nd	nd	12	nd	20	18	70	11	nd	nd	35
Gemfibrosiil	25812-30-0	5,7	ng/L	825	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Irbesartaan	138402-11-6	0,058	ng/L	100000	nd	nd	nd	nd	nd	nd	nd	nd	<0.058	0,088	nd	<0.058
Ivermektiin	70288-86-7/71827-03-7	4,9	ng/L	0,025	<4.9	nd	nd	nd	nd	nd	nd	nd	nd	<4.9	nd	nd
Ketoprofeen	22071-15-4	0,48	ng/L	2000	<0.48	<0.48	1,06	<0.48	0,69	<0.48	<0.48	<0.48	<0.48	<0.48	0,58	<0.48
Levetiratsetaam	102767-28-2	11	ng/L	100000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Linkomütsiin	154-21-2	0,56	ng/L	1290	nd	nd	nd	nd	nd	nd	nd	<0.56	nd	nd	<0.56	<0.56
Metformiin	657-24-9	114	ng/L	1350	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Metoprolool	51384-51-1	0,49	ng/L	4380	1,8	2,6	nd	0,90	<0.49	0,52	2,2	8,9	0,56	0,59	<0.49	1,1
Mometasoon	105102-22-5	6,8	ng/L	14	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Naprokseen	22204-53-1	4,1	ng/L	4980	nd	4,3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Nebivolool	118457-14-0	0,42	ng/L	377	<0.42	<0.42	<0.42	<0.42	<0.42	nd	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
Ofloksatsiin	82419-36-1	23	ng/L	20,4	nd	<23	nd	nd	nd	nd	nd	nd	nd	<23	nd	nd
Oksasepaam	604-75-1	0,28	ng/L	810	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Oksükodoon	76-42-6	0,36	ng/L	3304	nd	nd	nd	nd	<0.36	<0.36	nd	nd	nd	0,52	nd	nd

Progesteroon	57-83-0	0,054	ng/L	2000	nd	nd	<0.054	0,60	nd	0,96	nd	<0.054	nd	<0.054	nd	nd
Kvetiapiin	111974-69-7	0,043	ng/L	10000	<0.043	nd	nd	nd	nd	nd	0,20	0,21	0,37	3,4	0,13	0,48
Ramipriil	87333-19-5	0,053	ng/L	100000	<0.053	nd	nd	nd	nd	nd	nd	nd	nd	<0.053	nd	<0.053
Sertraliin	79617-96-2	0,053	ng/L	1070	nd	nd	nd	nd	nd	nd	nd	nd	nd	0,28	nd	nd
Sotalool	3930-20-9	5,5	ng/L	300000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Sulfadiasiin	68-35-9	0,043	ng/L	135	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Telmisartaan	144701-48-4	0,054	ng/L	9880	13	57	0,47	nd	1,7	12	13	27	24	7,6	3,0	17
Temasepaam	846-50-4	0,34	ng/L	930	nd	nd	nd	nd	nd	nd	nd	nd	<0.34	nd	nd	nd
Testosteroon	58-22-0	0,050	ng/L	1500	<0.050	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tiamuliin	55297-96-6	0,043	ng/L	165	nd	nd	nd	nd	nd	nd	nd	nd	nd	<0.043	nd	nd
Toltrasuriil	69004-03-1	0,052	ng/L	440	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tramadool	27203-92-5	0,40	ng/L	170000	0,65	4,8	nd	<0.40	<0.40	0,58	<0.40	<0.40	3,5	<0.40	nd	2,5
Trimetopriim	738-70-5	0,69	ng/L	508000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tülosiin	1401-69-0	29	ng/L	34	<29	nd	nd	nd	nd	nd	nd	nd	nd	<29	nd	nd
Valsartaan	137862-53-4	6,5	ng/L	125000	nd	<6.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Varfariin	81-81-2	0,47	ng/L	67600	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Venlafaksiin	93413-69-5	0,041	ng/L	3220	nd	<0.041	nd	<0.041	nd	0,12	nd	<0.041	nd	0,14	0,14	0,25
Ksülometasoliin	526-36-3	0,49	ng/L	2030	nd	nd	nd	nd	nd	nd	7,9	<0.49	nd	nd	nd	nd

* CAS-i registreerimisnumber on Chemical Abstracts Service poolt omistatud unikaalne keemilise aine identifikaator,.

nd – alla määramispiiri (LOD and LOQ vahel)

na – veeproov jäi labori tehniliste probleemide tõttu analüüsimata või analüüsi tulemus loetud miteaktsepteeritavaks

Ravimijääkide 2020 a. analüüsi tulemused

2020. a.	CAS number*	Määramis-piir	Ühik	PNEC	Vohnja (alam-jooks)	Kihlevere (Kadrina-Viitna mnt.)	Põdruse (suue)	Sõmeru (Peterburi mnt)	Kunda (Kohala-Kunda mnt)	Pada (Viru-Nigula)	Vohnja (alam-jooks)	Kihlevere (Kadrina-Viitna mnt.)	Sõmeru (Peterburi mnt)	Kunda (Kohala-Kunda mnt)	Pada (Viru-Nigula)	Põdruse
Analüüsitud näitaja				ng/l	14.04.	14.04.	14.04.	14.04.	14.04.	22.09.	22.09.	22.09.	22.09.	22.09.	22.09.	10.11.
Amlodipiin	88150-42-9	0,053	ng/L	99,5	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Atenolool	29122-68-7	5,6	ng/L	194000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Atorvastatiin	134523-00-5	5,8	ng/L	2100	nd	nd	nd	nd	<5.8	nd	nd	nd	na	na	nd	nd
Besafibraat	41859-67-0	0,45	ng/L	1260	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Bisoprolol	66722-44-9	0,53	ng/L	8000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Kofeiin	58-08-2	3,5	ng/L	87000	36	56	57	112	21	12	14	76	na	na	14	63
Kandesartaan	139481-59-7	5,3	ng/L	421	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Karbamasepiin	298-46-4	0,63	ng/L	1280	nd	nd	nd	<0.63	nd	nd	nd	<0.63	na	na	nd	nd
Karprofeen	53716-49-7	0,47	ng/L	37270	nd	nd	nd	nd	<0.47	nd	nd	nd	na	na	nd	nd
Tsetirisiin	83881-51-0	0,53	ng/L	78620	nd	<0.53	nd	<0.53	nd	nd	nd	<0.53	na	na	nd	nd
Tsitalopraam	59729-33-8	0,16	ng/L	15400	nd	nd	nd	0,93	0,41	0,97	nd	nd	na	na	nd	nd
Kodeiin	76-57-3	0,57	ng/L	16000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Diklofenak	15307-86-5	0,36	ng/L	85,2	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Dipüridamool	58-32-2	0,31	ng/L	2360	3,0	<0.31	nd	<0.31	<0.31	3,0	nd	<0.31	na	na	nd	nd
Doksütsükliin/ Tetratsükliin	564-25-0/60-54-8	47	ng/L	369/1730	53	nd	nd	<47	nd	nd	<47	nd	na	na	70	nd

Emamektiin	155569-91-8	0,53	ng/L	1	nd	<0.53	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Enalapriil	75847-73-3	2,8	ng/L	44736	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Eprosartaan	133040-01-4	2,2	ng/L	10000	nd	nd	nd	<2.2	nd	nd	nd	nd	na	na	nd	nd
Fenbendasool	43210-67-9	0,46	ng/L	15	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Feksofenadiin	83799-24-0	0,53	ng/L	200000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Flukonasool	86386-73-4	0,35	ng/L	15000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Flutikasoon	80474-14-2	0,62	ng/L	550	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Gabapentiin	60142-96-3	4,3	ng/L	100000	31	<4.3	nd	22	5,2	9,4	nd	42	na	na	11	nd
Gemfibrosiil	25812-30-0	5,7	ng/L	825	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Irbesartaan	138402-11-6	0,058	ng/L	100000	nd	nd	nd	nd	nd	nd	nd	<0.058	na	na	nd	nd
Ivermektiin	70288-86-7/71827-03-7	4,9	ng/L	0,025	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Ketoprofeen	22071-15-4	0,48	ng/L	2000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Levetiratsetaam	102767-28-2	11	ng/L	100000	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Linkomütsiin	154-21-2	0,56	ng/L	1290	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Metformiin	657-24-9	114	ng/L	1350	<114	<114	<114	<114	<114	<114	nd	<114	na	na	nd	nd
Metoprolool	51384-51-1	0,49	ng/L	4380	2,8	1,6	nd	2,0	nd	1,5	nd	4,3	nd	nd	nd	nd
Mometasoon	105102-22-5	6,8	ng/L	14	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Naprokseen	22204-53-1	4,1	ng/L	4980	nd	nd	nd	85	nd	nd	nd	nd	na	na	nd	21
Nebivolool	118457-14-0	0,42	ng/L	377	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Ofloksatsiin	82419-36-1	23	ng/L	20,4	nd	nd	nd	<23	<23	nd	30	48	na	na	<23	nd
Oksasepaam	604-75-1	0,28	ng/L	810	nd	nd	nd	nd	nd	<0.28	nd	nd	na	na	nd	nd

Oksükodoon	76-42-6	0,36	ng/L	3304	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd
Progesteroon	57-83-0	0,054	ng/L	2000	nd	nd	nd	nd	nd	<0.054	nd	nd	na	na	nd	nd
Kvetiapiin	111974-69-7	0,043	ng/L	10000	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	na	na	<0.043	<0.043
Ramipriil	87333-19-5	0,053	ng/L	100000	nd	nd	nd	nd	nd	<0.053	nd	nd	na	na	nd	nd
Sertraliin	79617-96-2	0,053	ng/L	1070	nd	nd	nd	nd	nd	<0.053	nd	<0.053	na	na	nd	nd
Sotalool	3930-20-9	5,5	ng/L	300000	nd	nd	nd	nd	nd	<5.5	nd	nd	na	na	nd	nd
Sulfadiasiin	68-35-9	0,043	ng/L	135	nd	nd	nd	nd	nd	<0.043	<0.043	<0.043	na	na	nd	nd
Telmisartaan	144701-48-4	0,054	ng/L	9880	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	na	na	<0.054	<0.054
Temasepaam	846-50-4	0,34	ng/L	930	nd	nd	nd	nd	nd	<0.34	nd	nd	na	na	nd	nd
Testosteroon	58-22-0	0,050	ng/L	1500	<0.050	nd	nd	nd	nd	<0.050	nd	nd	na	na	nd	nd
Tiamuliin	55297-96-6	0,043	ng/L	165	nd	nd	nd	nd	nd	<0.043	nd	nd	na	na	nd	nd
Toltrasuriil	69004-03-1	0,052	ng/L	440	nd	nd	nd	nd	nd	nd	30	nd	na	na	nd	nd
Tramadool	27203-92-5	0,40	ng/L	170000	<0.40	<0.40	nd	<0.40	nd	<0.40	nd	<0.40	na	na	<0.40	nd
Trimetopriim	738-70-5	0,69	ng/L	508000	nd	nd	nd	nd	nd	<0.69	nd	nd	na	na	nd	nd
Tülosiin	1401-69-0	29	ng/L	34	nd	nd	nd	nd	nd	<29	nd	nd	na	na	nd	nd
Valsartaan	137862-53-4	6,5	ng/L	125000	nd	<6.5	nd	<6.5	nd	nd	nd	<6.5	na	na	nd	nd
Varfariin	81-81-2	0,47	ng/L	67600	nd	<0.47	nd	<0.47	<0.47	<0.47	nd	<0.47	na	na	<0.47	nd
Venlafaksiin	93413-69-5	0,041	ng/L	3220	nd	nd	nd	nd	nd	nd	nd	2,1	na	na	4,1	nd
Ksülometasoliin	526-36-3	0,49	ng/L	2030	nd	nd	nd	nd	nd	nd	nd	nd	na	na	nd	nd

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Ravimijääkide 2021 a. analüüsi tulemused

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[illegible]

Sulfadiasiin	68-35-9	0,043	ng/L	135	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Telmisartaan	144701-48-4	0,054	ng/L	9880	nd	1,1	nd	2,2	0,81	2,8	6,0	13	1,2	3,7	nd	1,0
Temasepaam	846-50-4	0,34	ng/L	930	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Testosteroon	58-22-0	0,050	ng/L	1500	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tiamuliin	55297-96-6	0,043	ng/L	165	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Toltrasuriil	69004-03-1	0,052	ng/L	440	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tramadool	27203-92-5	0,40	ng/L	170000	nd	0,83	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Trimetopriim	738-70-5	0,69	ng/L	508000	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tülosiin	1401-69-0	29	ng/L	34	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Valsartaan	137862-53-4	1,5	ng/L	125000	nd	nd	nd	nd	nd	nd	nd	31	nd	nd	nd	nd
Varfariin	81-81-2	0,47	ng/L	67600	nd	nd	nd	nd	nd	nd	nd	nd	nd	2,0	nd	nd
Venlafaksiin	93413-69-5	0,041	ng/L	3220	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Ksülometasoliin	526-36-3	4,9	ng/L	2030	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

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Ravimijääkide 2022 a. analüüsi tulemused

2021. a.	CAS number*	Määramis- piir	Ühik	PNEC	Kunda (Kohala-Kunda mnt)	Sõmeru (Peterburi mnt)
Analüüsitud näitaja				ng/l	10.05	10.05
Amlodipiin	88150-42-9	0,053	ng/L	99,5	nd	nd
Atenolool	29122-68-7	5,6	ng/L	194000	nd	nd
Atorvastatiin	134523-00-5	5,8	ng/L	2100	nd	nd
Besafibraat	41859-67-0	0,45	ng/L	1260	nd	nd
Bisoprolol	66722-44-9	0,53	ng/L	8000	nd	nd
Kofeiin	58-08-2	3,5	ng/L	87000	nd	230
Kandesartaan	139481-59-7	5,3	ng/L	421	nd	nd
Karbamasepiin	298-46-4	0,63	ng/L	1280	nd	nd
Karprofeen	53716-49-7	0,47	ng/L	37270	nd	nd
Tsetirisiin	83881-51-0	0,53	ng/L	78620	nd	nd
Tsitalopraam	59729-33-8	0,16	ng/L	15400	nd	nd
Kodeiin	76-57-3	0,57	ng/L	16000	NA	NA
Diklofenak	15307-86-5	0,36	ng/L	85,2	nd	nd
Dipüridamool	58-32-2	0,31	ng/L	2360	nd	nd
Doksütsükliin/ Tetratsükliin	564-25-0/60-54-8	47	ng/L	369/1730	nd	nd
Enamektiin	155569-91-8	0,53	ng/L	1	nd	nd
Enalapriil	75847-73-3	2,8	ng/L	44736	nd	nd
Eprosartaan	133040-01-4	2,2	ng/L	10000	nd	nd
Fenbendasool	43210-67-9	0,46	ng/L	15	nd	nd

Feksofenadiin	83799-24-0	0,53	ng/L	200000	nd	nd
Flukonasool	86386-73-4	0,35	ng/L	15000	nd	nd
Flutikasoon	80474-14-2	0,62	ng/L	550	nd	nd
Gabapentiin	60142-96-3	4,3	ng/L	100000	5,2	19
Gemfibrosiil	25812-30-0	5,7	ng/L	825	nd	nd
Irbesartaan	138402-11-6	0,058	ng/L	100000	nd	nd
Ivermektiin	70288-86-7/71827-03-7	4,9	ng/L	0,025	nd	nd
Ketoprofeen	22071-15-4	0,48	ng/L	2000	nd	nd
Levetiratsetaam	102767-28-2	11	ng/L	100000	nd	nd
Linkomütsiin	154-21-2	0,56	ng/L	1290	nd	nd
Metformiin	657-24-9	0,237	ng/L	1350	nd	nd
Metoprolool	51384-51-1	0,49	ng/L	4380	nd	0,57
Mometasoon	105102-22-5	6,8	ng/L	14	nd	nd
Naprokseen	22204-53-1	4,1	ng/L	4980	nd	nd
Nebivolool	118457-14-0	0,42	ng/L	377	nd	nd
Ofloksatsiin	82419-36-1	23	ng/L	23	nd	nd
Oksasepaam	604-75-1	0,28	ng/L	810	NA	NA
Oksükodoon	76-42-6	0,36	ng/L	3304	nd	nd
Progesteroon	57-83-0	0,054	ng/L	2000	nd	nd
Kvetiapiin	111974-69-7	0,043	ng/L	10000	nd	nd
Ramipriil	87333-19-5	0,053	ng/L	100000	nd	nd
Sertraliin	79617-96-2	0,053	ng/L	1070	nd	nd

Sotalool	3930-20-9	5,5	ng/L	300000	nd	nd
Sulfadiasiin	68-35-9	0,043	ng/L	135	nd	nd
Telmisartaan	144701-48-4	0,054	ng/L	9880	nd	0,81
Temasepaam	846-50-4	0,34	ng/L	930	nd	nd
Testosteroon	58-22-0	0,050	ng/L	1500	nd	nd
Tiamuliin	55297-96-6	0,043	ng/L	165	nd	nd
Toltrasuriil	69004-03-1	0,052	ng/L	440	nd	nd
Tramadool	27203-92-5	0,40	ng/L	170000	nd	nd
Trimetopriim	738-70-5	0,69	ng/L	508000	nd	nd
Tülosiin	1401-69-0	29	ng/L	34	NA	NA
Valsartaan	137862-53-4	1,5	ng/L	125000	nd	nd
Varfariin	81-81-2	0,47	ng/L	67600	nd	nd
Venlafaksiin	93413-69-5	0,041	ng/L	3220	nd	0,56
Ksülometasoliin	526-36-3	4,9	ng/L	2030	nd	nd

* CAS-i registreerimisnumber on Chemical Abstracts Service poolt omistatud unikaalne keemilise aine identifikaator,.

nd – alla määramispiiri (LOD and LOQ vahel)

na – veeproov jäi labori tehniliste probleemide tõttu analüüsimata või analüüsi tulemus loetud miteaktsepteeritavaks