



**Kvalita pitné vody pro pásma se zdrojem: Želivka**

**Za období: leden 2024 - červen 2024**

Parametr	Jednotka	Pr m r	Hygienický limit
Clostridium perfringens	KTJ/100ml	0	max.0 KTJ/100ml MH
Escherichia coli	KTJ/100ml	0	max.0 KTJ(MPN)/100ml NMH
intestinální enterokoky	KTJ/100ml	0	max.0 KTJ/100ml NMH
koliformní bakterie	KTJ/100ml	0	max.0 KTJ(MPN)/100ml MH
po ty kolonií p i 22°C	KTJ/ml	8	max.300 KTJ/ml MH
po ty kolonií p i 36°C	KTJ/ml	0	max.100 KTJ/ml MH
mikroskopický obraz - abioseston	%	2	max.5 % MH
mikroskopický obraz - po et organism	jedinci/ml	0	max.50 jedinci/ml MH
mikroskopický obraz - živé organismy	jedinci/ml	0	max.0 jedinci/ml MH
amonné ionty	mg/l	<0,03	max.0,50 mg/l MH
barva	mg/l Pt	2	max.20 mg/l Pt MH
bromi nany	µg/l	1,1	max.10 µg/l NMH
dusi nany	mg/l	28,0	max.50 mg/l NMH
dusitany	mg/l	0,01	max.0,50 mg/l NMH
fluoridy	mg/l	0,08	max.1,5 mg/l NMH
ho ík	mg/l	8,0	20 - 30 mg/l DH
chlor volný	mg/l	0,12	max.0,30 mg/l MH
chlore nany + chloritany (suma)	µg/l	22,3	max.250 µg/l NMH
chlore nany	µg/l	22,3	max.250 µg/l NMH
chloridy	mg/l	22,8	max.250 mg/l MH
chloritany	µg/l	<10,0	max.250 µg/l NMH
CHSK Mn	mg/l	1,45	max.3,0 mg/l MH
chu	°	2	max.2 ° MH
KNK 4.5	mmol/l	1,08	
konduktivita	mS/m	33,2	max.125 mS/m MH
kyanidy celkové	mg/l	<0,010	max.0,050 mg/l NMH
pach	°	1	max.2 ° MH
pH - reakce vody	-	7,72	6,5 - 9,5 - MH
sírany	mg/l	44,8	max.250 mg/l MH
suma pesticid. látek bez nerelevantních	ng/l	4,1	max.500 ng/l NMH
teplota vody	°C	6,2	8,0 - 12,0 °C DH
TOC - celkový organický uhlík	mg/l	2,92	max.5,0 mg/l MH
vápník	mg/l	29,1	40 - 80 mg/l DH
vápník a ho ík	mmol/l	1,05	2 - 3,5 mmol/l DH
zákal	ZFn	0,50	max.5 ZFn MH

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železo	mg/l	0,02	max.0,20 mg/l MH
antimon	mg/l	<0,0010	max.0,01 mg/l NMH
arsen	mg/l	<0,0010	max.0,01 mg/l NMH
beryllium	µg/l	<0,10	max.2,0 µg/l NMH
bór	mg/l	<0,050	max.1,5 mg/l NMH
draslík	mg/l	4,0	1 - 10 mg/l DH
hliník	mg/l	0,038	max.0,20 mg/l MH
chrom	mg/l	<0,0010	max.0,025 mg/l NMH
kadmium	mg/l	<0,00005	max.0,0050 mg/l NMH
mangan	mg/l	0,002	max.0,050 mg/l MH
m	mg/l	0,005	max.1 mg/l NMH
nikl	mg/l	0,0013	max.0,02 mg/l NMH
olovo	mg/l	<0,0010	max.0,01 mg/l NMH
rtu	mg/l	<0,0002	max.0,001 mg/l NMH
selen	mg/l	<0,0010	max.0,02 mg/l NMH
sodík	mg/l	15,1	max.200 mg/l MH
st íbro	mg/l	<0,0010	max.0,025 mg/l NMH
2,4 D (2,4-dichlorfenoxyoctová kyselina)	ng/l	<10,0	max.100 ng/l NMH
2,4-DP (dichlorprop)	ng/l	<20,0	max.100 ng/l NMH
2,6-dichlorobenzamid	ng/l	<10,0	max.3000 ng/l NMH
acetamidiprid	ng/l	10,1	max.100 ng/l NMH
acetochlor	ng/l	10,0	max.100 ng/l NMH
acetochlor ESA	ng/l	<20,0	max.100 ng/l NMH
acetochlor OA	ng/l	<20,0	max.100 ng/l NMH
aclonifen	ng/l	<20,0	max.100 ng/l NMH
alachlor	ng/l	<10,0	max.100 ng/l NMH
alachlor ESA	ng/l	40,0	max.1000 ng/l NMH
alachlor OA	ng/l	<20,0	max.1000 ng/l NMH
atrazin	ng/l	<10,0	max.100 ng/l NMH
atrazin desethyl desisopropyl	ng/l	<10,0	max.100 ng/l NMH
atrazin-desethyl	ng/l	<10,0	max.100 ng/l NMH
atrazine desisopropyl	ng/l	<10,0	max.100 ng/l NMH
atrazine-2-hydroxy	ng/l	<10,0	max.2000 ng/l NMH
azoxystrobin	ng/l	<10,0	max.100 ng/l NMH
bentazon	ng/l	<10,0	max.100 ng/l NMH
1-H-Benzotriazol	ng/l	20,5	max.4000 ng/l NMH
1-methyl-1-H-Benzotriazol	ng/l	<20,0	
5-methyl-1-H-Benzotriazol	ng/l	<20,0	max.4000 ng/l NMH
bifenox	ng/l	<50,0	max.100 ng/l NMH
bisfenol-A	ng/l	50,1	max.2500 ng/l NMH
bisfenol-B	ng/l	<50,0	
bisfenol-S	ng/l	58,0	
Butachlor ESA	ng/l	<20,0	max.100 ng/l NMH
Butachlor OA	ng/l	<20,0	max.100 ng/l NMH

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carbendazim	ng/l	<10,0	max.100 ng/l NMH
clomazone	ng/l	<10,0	max.100 ng/l NMH
clopyralid	ng/l	<10,0	max.100 ng/l NMH
clothianidin	ng/l	<10,0	max.100 ng/l NMH
cyanazin	ng/l	<10,0	max.100 ng/l NMH
cyprokonazol	ng/l	<10,0	max.100 ng/l NMH
cyprosulfamide	ng/l	<10,0	max.100 ng/l NMH
DEET - diethyltoluamide	ng/l	<50,0	max.100 ng/l NMH
desmetryn	ng/l	<10,0	max.100 ng/l NMH
diazinon	ng/l	<10,0	max.100 ng/l NMH
difenoconazole	ng/l	<10,0	max.100 ng/l NMH
diflufenican	ng/l	<10,0	max.100 ng/l NMH
dichlorvos	ng/l	<50,0	max.100 ng/l NMH
dimethachlor	ng/l	<10,0	max.100 ng/l NMH
dimethachlor CGA 369873	ng/l	54,6	max.6000 ng/l NMH
dimethachlor ESA	ng/l	<20,0	max.6000 ng/l NMH
dimethachlor OA	ng/l	<20,0	max.6000 ng/l NMH
Dimethachlor - suma metabolit	ng/l	54,6	max.12000 ng/l NMH
dimethenamid	ng/l	<10,0	max.100 ng/l NMH
dimethenamid ESA	ng/l	<20,0	max.100 ng/l NMH
dimethenamid OA	ng/l	<20,0	max.100 ng/l NMH
dimethoate	ng/l	<10,0	max.100 ng/l NMH
Dimethomorph	ng/l	<10,0	max.100 ng/l NMH
diuron	ng/l	<10,0	max.100 ng/l NMH
epoxiconazol	ng/l	<10,0	max.100 ng/l NMH
ethofumesate	ng/l	<10,0	max.100 ng/l NMH
fenitrothion	ng/l	<100,0	max.100 ng/l NMH
fenpropidin	ng/l	<20,0	max.100 ng/l NMH
fenpropimorph	ng/l	<20,0	max.100 ng/l NMH
fenthion	ng/l	<10,0	max.100 ng/l NMH
fluazinam	ng/l	<10,0	max.100 ng/l NMH
Flufenacet	ng/l	<10,0	max.100 ng/l NMH
flufenacet ESA	ng/l	<20,0	max.100 ng/l NMH
flufenacet OA	ng/l	<20,0	max.100 ng/l NMH
fluopicolide	ng/l	<10,0	max.100 ng/l NMH
fluroxypyr	ng/l	<10,0	max.100 ng/l NMH
hexazinon	ng/l	<10,0	max.100 ng/l NMH
chlorfenvinphos	ng/l	<10,0	max.100 ng/l NMH
chloridazon	ng/l	<10,0	max.100 ng/l NMH
chloridazon - suma metabolit	ng/l	7,1	max.6000 ng/l NMH
chloridazon-desphenyl	ng/l	14,8	max.3000 ng/l SH
chloridazon-methyl-desphenyl	ng/l	11,4	max.3000 ng/l SH
chlorotoluron	ng/l	<10,0	max.100 ng/l NMH
chlorotoluron desmethyl	ng/l	<10,0	max.100 ng/l NMH

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chlorpyriphos	ng/l	<10,0	max.100 ng/l NMH
chlorsulfuron	ng/l	<20,0	max.100 ng/l NMH
imazalil	ng/l	<20,0	max.100 ng/l NMH
imidaclopid	ng/l	10,1	max.100 ng/l NMH
irgarol (cybutrine)	ng/l	<10,0	max.100 ng/l NMH
isoproturon	ng/l	<10,0	max.100 ng/l NMH
isoproturon-monodesmethyl	ng/l	<10,0	max.100 ng/l NMH
Isoxaflutol benzoic acid	ng/l	<10,0	max.100 ng/l NMH
Isoxaflutol diketonitril	ng/l	<10,0	max.100 ng/l NMH
isoxaflutole	ng/l	<10,0	max.100 ng/l NMH
linuron	ng/l	<10,0	max.100 ng/l NMH
MCPA	ng/l	<20,0	max.100 ng/l NMH
MCPB	ng/l	<20,0	max.100 ng/l NMH
MCPP (mecoprop)	ng/l	<10,0	max.100 ng/l NMH
mesotrione	ng/l	<10,0	max.100 ng/l NMH
metalaxyl	ng/l	<10,0	max.100 ng/l NMH
metamitron	ng/l	<10,0	max.100 ng/l NMH
metazachlor	ng/l	10,6	max.100 ng/l NMH
metazachlor ESA	ng/l	139,2	max.5000 ng/l NMH
metazachlor OA	ng/l	30,2	max.5000 ng/l NMH
metformin	ng/l	355,4	max.1000 ng/l MH
methiocarb	ng/l	<10,0	max.100 ng/l NMH
metolachlor ESA	ng/l	32,8	max.6000 ng/l NMH
metolachlor OA	ng/l	<20,0	max.6000 ng/l NMH
metolachlor (izomery)	ng/l	<10,0	max.100 ng/l NMH
metribuzin	ng/l	<10,0	max.100 ng/l NMH
metribuzin desamino	ng/l	<10,0	max.100 ng/l NMH
Metribuzin desaminodiketo (DADK)	ng/l	<100,0	max.100 ng/l NMH
2-amino-4-methoxy-6-methyl-1,3,5-triazin	ng/l	<20,0	max.100 ng/l NMH
nicosulfuron	ng/l	<10,0	max.100 ng/l NMH
oxadiazon	ng/l	<10,0	max.100 ng/l NMH
pendimethalin	ng/l	<20,0	max.100 ng/l NMH
pethoxamid	ng/l	10,0	max.100 ng/l NMH
pethoxamid ESA	ng/l	<20,0	max.100 ng/l NMH
PFOA (perfluoroktanová kyselina)	ng/l	<10,0	
PFOS (perfluoroktansulfonová kyselina)	ng/l	<10,0	
prochloraz	ng/l	<10,0	max.100 ng/l NMH
prometryn	ng/l	<10,0	max.100 ng/l NMH
propachlor	ng/l	<10,0	max.100 ng/l NMH
Propachlor ESA	ng/l	<20,0	max.100 ng/l NMH
Propachlor OA	ng/l	<20,0	max.100 ng/l NMH
Propamocarb	ng/l	<10,0	max.100 ng/l NMH
propazin	ng/l	<10,0	max.100 ng/l NMH
propiconazol	ng/l	<10,0	max.100 ng/l NMH

Parametr	Jednotka	Pr m r	Hygienický limit
Prosulfocarb	ng/l	<10,0	max.100 ng/l NMH
quinoxifen (chinoxifen)	ng/l	<10,0	max.100 ng/l NMH
simazin	ng/l	<10,0	max.100 ng/l NMH
tebuconazol	ng/l	10,1	max.100 ng/l NMH
terbuthylazin	ng/l	<10,0	max.100 ng/l NMH
terbuthylazin-desethyl-2-hydroxy	ng/l	<10,0	max.100 ng/l NMH
terbutryn	ng/l	<10,0	max.100 ng/l NMH
terbutylazin-2-hydroxy	ng/l	10,0	max.100 ng/l NMH
terbuthylazin-desethyl	ng/l	<10,0	max.100 ng/l NMH
thiaclopid	ng/l	<10,0	max.100 ng/l NMH
thiamethoxam	ng/l	<10,0	max.100 ng/l NMH
Thiencarbazone-methyl	ng/l	<20,0	max.100 ng/l NMH
tri-allate	ng/l	<20,0	max.100 ng/l NMH
trinexapac-ethyl	ng/l	<10,0	max.100 ng/l NMH
Tritosulfuron	ng/l	<20,0	max.100 ng/l NMH
1,1,2,2-tetrachlorethen	µg/l	<0,10	max.10 µg/l NMH
1,1,2-trichlorethen	µg/l	<0,10	max.10 µg/l NMH
1,1-dichlorethen	µg/l	<0,10	
1,2-dichlorethan	µg/l	<0,10	max.3 µg/l NMH
1,2-dichlorethen	µg/l	0	
benzen	µg/l	<0,10	max.1 µg/l NMH
bromdichlormethan	µg/l	3,21	
bromoform	µg/l	0,16	
cis-1,2-dichlorethen	µg/l	<0,10	
dibromchlormethan	µg/l	1,61	
dichlormethan	µg/l	<0,10	
ethylbenzen	µg/l	<0,10	
chlorbenzen	µg/l	<0,10	
chloroform	µg/l	5,3	max.30 µg/l MH
m- +p-xylen	µg/l	<0,10	
o+m+p-xylen	µg/l	0	
o-xylen	µg/l	<0,10	
styren	µg/l	<0,10	
tetrachlormethan	µg/l	<0,10	
toluen	µg/l	<0,10	
trans-1,2-dichlorethen	µg/l	<0,10	
trihalomethany	µg/l	10,21	max.50 µg/l NMH
vinylchlorid	µg/l	<0,1	max.0,5 µg/l NMH
benzo(g,h,i)perylen	ng/l	<0,5	
benzo(a)pyren	ng/l	<0,5	max.10 ng/l NMH
benzo(b)fluoranten	ng/l	<0,5	
benzo(k)fluoranten	ng/l	<0,5	
fluoranten	ng/l	<2,0	
indeno(1,2,3cd)pyren	ng/l	<0,5	

Parametr	Jednotka	Průměr	Hygienický limit
suma PAU(4)	ng/l	0	max.100 ng/l NMH
aldrin	ng/l	<3,0	max.30 ng/l NMH
dieldrin	ng/l	<3,0	max.30 ng/l NMH
heptachlor	ng/l	<3,0	max.30 ng/l NMH
heptachlorepoxyd	ng/l	<3,0	max.30 ng/l NMH
hexachlorbenzen	ng/l	<3,0	max.100 ng/l NMH
lindan	ng/l	<3,0	max.100 ng/l NMH
methoxychlor	ng/l	<5,0	max.100 ng/l NMH
p,p'-DDE	ng/l	<3,0	max.100 ng/l NMH
p,p'-DDT	ng/l	<3,0	max.100 ng/l NMH
AMPA (aminomethylfosfonová kyselina)	ng/l	<50,0	max.100 ng/l NMH
glyfosát (N-(fosfonomethyl)glycin)	ng/l	<50,0	max.100 ng/l NMH
uran	mg/l	<0,0010	max.0,015 mg/l NMH
bromdichloroctová kyselina (DCBAA)	µg/l	0,6	
bromchloroctová kyselina (BCAA)	µg/l	<2,0	
dibromchloroctová kyselina (DBCAA)	µg/l	<0,5	
dibromoctová kyselina (DBAA)	µg/l	<0,5	
dichloroctová kyselina (DCAA)	µg/l	1,0	
halogenoctové kyseliny (HAA) - suma 5	µg/l	1,7	max.60 µg/l NMH
halogenoctové kyseliny (HAA) - suma 9	µg/l	2,0	
monobromoctová kyselina (MBAA)	µg/l	<1,0	
monochloroctová kyselina (MCAA)	µg/l	<1,1	
tribromoctová kyselina (TBAA)	µg/l	<5,0	
trichloroctová kyselina (TCAA)	µg/l	1,1	

#### Legenda:

Hodnoty uvedené se znaménkem méně než (<) jsou hodnoty pod mezí stanovitelnosti použité analytické metody.

*Výpočet průměru při použití mezí stanovitelnosti:*

V případě, že ve výpočtu průměru figuruje mezí stanovitelnosti, je do výpočtu brána polovina meze stanovitelnosti.

*Typ limitu:*

DH - doporučená hodnota, MH - mezní hodnota, NMH - nejvyšší mezní hodnota, SH - směrná hodnota

Hygienické limity odpovídají limitům uvedeným ve vyhlášce MZK č. 252/2004 Sb. (Příloha č. 1) a limitním hodnotám uvedeným v Seznamu posouzených nerelevantních metabolitů pesticidů MZK R.

*Mezní hodnota pro pražskou distribuci sí:*

Hygienickou stanicí hl. města Prahy je pro pražskou distribuci sí stanovena mezní hodnota

pro ukazatel počet ty kolonií při 22 °C (300 KTJ/ml MH) a pro ukazatel počet ty kolonií při 36 °C (100 KTJ/ml MH),

která není daná vyhl. č. 252/2004 Sb., v platném znění.

Pro ukazatel metformin je Hygienickou stanicí hl. města Prahy pro pražskou distribuci sí stanoven nižší

hygienický limit (1000 ng/l MH), který je odlišný od limitu daného vyhl. č. 252/2004 Sb., v platném znění.

*Převod jednotek:*

1 ng/l = 0,001 µg/l = 0,000001 mg/l

Údaje o kvalitě vody reprezentují průměr za danou oblast. U směsí se lokálně může poměr jednotlivých zdrojů lišit.