

POLYAROMATICKÉ UHLOVODÍKY

NIST 1647e

5 x 1,2 ml

mg/kg

Solvent	Acetonitrile
Naphtalene	25,84
1-Methylnaphtalene	-
2-Methylnaphtalene	-
Biphenyl	-
Acenaphthylene	19,89
Acenaphthene	26,67
Fluorene	6,09
Phenanthrene	4,40
Anthracene	1,02
1-Methylphenanthrene	-
Flouranthene	9,81
Pyrene	10,88
Benz[a]anthracene	5,25
Chrysene	4,71
Triphenylene	-
Benzo[b]fluoranthene	5,36
Benzo[k]fluoranthene	6,06
Benzo[e]pyrene	-
Benzo[a]pyrene	6,31
Perylene	-
Indeno[1,2,3-cd]pyrene	5,49
Dibenz[a,h]anthracene	4,54
Benzo[ghi]perylene	4,73

AROMATICKÉ UHLOVODÍKY

SMÚ

C03

15 x 1 ml
%

Benzen	99,9
Toluen	99,9
Ethylbenzen	(99,4)
o-Xylen	99,3
p-Xylen	99,8
m-Xylen	99,8
1,2,3-Trimetylbenzen	(92,7)
1,2,4-Trimetylbenzen	99,3
1,3,5-Trimetylbenzen	99,7
Propylbenzen	99,9
Butylbenzen	(99,2)
Isopropylbenzen	(99,8)
Isopropyltoluen	(99,6)

Směs1: Směs BTX

Směs2: Směs ostatních

N - ALKANY - čisté látky

Katalog. č.	Látka	Balení
C02a	Pentan	1 ml
C02b	Hexan	1 ml
C02c	Heptan	1 ml
C02d	Oktan	1 ml
C02e	Nonan	1 ml
C02f	Dekan	1 ml
C02g	Undekan	1 ml
C02h	Dodekan	1 ml
C02j	Tridekan	1 ml
C02k	Tetradekan	1 ml
C02m	Pentadekan	1 ml
C02n	Hexadekan	1 ml
C02p	Heptadekan	1 ml
C02r	Oktadekan	1 ml

MYKOTOXINY

Katalog. č.	Látka	Balení
J 22.734.36	Aflatoxin B1	10 mg
J 22.736.37	Aflatoxin B2	1 mg
J 22.736.38	Aflatoxin G1	10 mg
J 22.737.39	Aflatoxin G2	1 mg
J 22.744.46	Aflatoxin B1, B2, G1, G2	10 mg
ICN 190700	Aflatoxin M1	sada 4 x 10 mg
ICN 152292	Aflatoxin M2	10 µg
ICN 152293	Aflatoxin B1, B2, G1, G2	sada 4 x 1 mg

N - ALKANY

SMÚ
C0115 x 1 ml
%

Pentan	99,76
Hexan	99,73
Heptan	99,85
Oktan	99,73
Nonan	99,75
Dekan	99,79
Undekan	99,79
Dodekan	99,80
Tridekan	99,59
Tetradekan	99,92
Pentadekan	99,84
Hexadekan	99,71
Heptadekan	98,39
Oktadekan	99,82
Směs	-

POLYAROMATICKÉ UHLOVODÍKY

Katalog. číslo	Látka	Balení
RH 36959	Acenaphten	Roztok 100 ng/μl v cyklohexanu
RH 36958	Acenaphthylen	Roztok 100 ng/μl v cyklohexanu
RH 36957	Anthracen	Roztok 100 ng/μl v cyklohexanu
RH 45767	Benz(b)anthracen	100 mg
RH 36956	Benzo(a)anthracen	Roztok 100 ng/μl v cyklohexanu
RH 36955	Benzo(b)fluoranthen	Roztok 100 ng/μl v cyklohexanu
RH 36954	Benzo(k)fluoranthen	Roztok 100 ng/μl v cyklohexanu
RH 36952	Benzo(a)pyren	Roztok 100 ng/μl v cyklohexanu
RH 36962	Benzo(e)pyren	Roztok 100 ng/μl v cyklohexanu
RH 36953	Benzo(g,h,i)perylene	Roztok 100 ng/μl v cyklohexanu
RH 36963	Coronen	Roztok 100 ng/μl v toluenu
RH 35754	Chrysene	100 mg
RH 45775	Dibenzofuran	250 mg
RH 36948	Fluoren	Roztok 100 ng/μl v cyklohexanu
RH 36949	Fluoranthen	Roztok 100 ng/μl v cyklohexanu
RH 45789	Indan	250 mg
RH 45791	Inden	250 mg
RH 45798	Perylen	250 mg
RH 34615	Směsný standard 6-PAU v cyklohexanu 1 μl obsahuje: 10 ng Fluoranthenu, 2 ng Benzo(b)fluoranthenu, 2 ng Benzo(k)fluoranthenu, 2 ng Benzo(a)pyrenu, 2 ng Benzo(g,h,i)perylenu a 2 ng Indenol(1,2,3-c,d)pyrenu	1 ml

PCB A CHLOROVANÉ UHLOVODÍKY

Katalog. číslo	Látka	Balení
RH 36900	2,4,4'-PCB	1 ml
	Roztok 10 ng/μl v isooktanu Ballschmitter No.28	
RH 36901	2,2',5,5'-PCB	1 ml
	Roztok 10 ng/μl v isooktanu Ballschmitter No.52	
RH 36902	2,2',4,5,5'-PCB	1 ml
	Roztok 10 ng/μl v isooktanu Ballschmitter No.101	
RH 36903	2,2',3,4,4',5-PCB	1 ml
	Roztok 10 ng/μl v isooktanu Ballschmitter No.138	
RH 36904	2,2',4,4',5,5'-PCB	1 ml
	Roztok 10 ng/μl v isooktanu Ballschmitter No.153	
RH 36905	2,2',3,4,4',5,5'-PCB	1 ml
	Roztok 10 ng/μl v isooktanu Ballschmitter No.180	
RH 36906	PCB-Mix	1 ml
	Směsný standard PCB v isooktanu Ballschmitter No.28, 52, 101, 138, 153, 180	
RH 45522	HCB	250 mg
RH 45863	HCB Solution	1 ml
	Roztok 100 ng/μl v methanolu	
RH 45548	Lindan	250 mg
RH 36586	Lindan Solution	1 ml
	Roztok 100 ng/μl v methanolu	
RH 45555	MCPA	250 mg
RH 45873	MCPA Solution	1 ml
	Roztok 100 ng/μl v acetonitrilu	
RH 49018	2,4'-DDT	100 mg
RH 45839	2,4'-DDT Solution	1 ml
	Roztok 100 ng/μl v methanolu	
RH 31041	4,4'-DDT	250 mg
RH 36662	4,4'-DDT Solution	1 ml
	Roztok 100 ng/μl v methanolu	

POLYCHLOROVANÉ BIFENYLY			
	NIST 1493	NIST 2262	BCR 365
	5 x 1,2ml	5 x 1,2ml	2 x 2ml
	μg/kg	μg/kg	mg/kg
Solvents	Isooctane	Isooctane	Isooctane
IUPAC No. 1	-	2997	-
8	(277)	3110	11,4
18	290,8	2983	-
20	-	-	15,2
28	288,0	(3000)	24,8
29	-	2980	-
35	-	-	14,3
44	289	2977	-
50	-	(3010)	-
52	285,9	2996	14,8
66	291,9	2973	-
77	284,3	3040	-
87	-	3000	-
101	287,8	2950	14,4
104	-	3007	-
105	286	2960	-
118	(289)	2992	14,9
126	287,4	3010	-
128	290,0	2985	-
138	287,1	2939	8,6
153	287,5	2957	14,2
154	-	(2950)	-
170	285,3	2964	-
180	289,2	2986	15,2
187	285,3	2967	-
188	-	3008	-
195	289,0	2974	-
201	-	3001	-
206	259	2900	-
209	289,6	2989	-

CHLOROVANÉ PESTICIDY		
	NIST 1492	NIST 2261
	Calibration solution	
	Set of 5	Set of 5
	μg/kg	μg/kg
Solvent	Hexane	Hexane
Hexachlorobenzene	308	3005
γ-HCH (Lindane)	310	3012
Heptachlor	299	3020
Aldrin	304	3029
Heptachlorepoxyde	307	3020
cis-Chlordane	305	3012
trans-Nonachlor	297	3034
Dieldrin	307	3012
Mirex	306	3041
2,4'-DDE	303	3019
4,4'-DDE	306	3019
2,4'-DDD	299	3013
4,4'-DDD	296	3043
2,4'-DDT	307	2993
4,4'-DDT	302	3004

POLYCHLOROVANÉ BIFENYLY	
BCR 365	
	2 ml
	mg/kg
Solvent	Isooctane
IUPAC No. 8	11,4
20	15,2
28	24,8
35	14,3
52	14,8
101	14,4
118	14,9
138	8,6
153	14,2
180	15,2

CHLOROVANÉ PESTICIDY	
	SMÚ
	C04
	19 x 1 ml
	mg/ml
Solvent	n-Heptan
HCB	0,100
α-HCH	0,100
β-HCH	0,099
γ-HCH	0,100
δ-HCH	0,100
o,p'-DDD	0,100
p,p'-DDD	0,099
p,p'-DDT	0,199
o,p'-DDT	0,199
p,p'-DDE	0,100
Heptachlor	0,100
Heptachlorepoxyd	0,099
Dieldrin	0,099
Endrin	0,099
Aldrin	0,099
Metoxychlor	0,098
Endosulfan	0,100
Směs1	
Směs2	

* - Chlorovaný pesticid ve směsi
n-heptan : toluen = 1 : 1

ISOTOPICALLY LABELLED POLLUTANTS
NIST 1586

Solvent	6 x 1,2 ml	
	mg/kg	mg/kg
	Methanol	Methanol
	I-Unlabelled	II-Labeled
Carbon Tetrachloride	128,5	124,4
Benzene	101,1	99,0
Chlorobenzene	133,0	144,0
Phenol	117,0	116,0
Nitrobenzene	126,0	134,5
2-Nitrophenol	103,6	101,9
2,4-Dichlorophenol	102,5	82,2
Naphthalene	126,5	126,6
Bis(2-ethylhexyl)phthalate	63,9	60,4
Benzo(a)pyrene	49,2	44,1

DIOXIN

NIST 1614

Solvent	6 x 1,2 ml
	µg/kg
	Isooktan
2,3,7,8-TCDD	98,3
2,3,7,8-TCDD- ¹³ C	95,6

NITRO PAHS

NIST 1587

NIST 1596

Solvent	4 x 1 ml	5 x 1,3 ml
	mg/kg	mg/kg
	Methanol	Methylenchlorid
2-Nitrofluorene	9,67	-
9-Nitroanthracene	5,01	-
3-Nitrofluoranthene	9,24	-
1-Nitropyrene	8,95	-
7-Nitrobenz(a)anthracene	9,27	-
6-Nitrochrysene	8,13	-
6-Nitrobenzo(a)pyrene	(6,1)	-
1-Nitropyrene	-	4,38
1,3-Dinitropyrene	-	2,10
1,6-Dinitropyrene	-	4,82
1,8-Dinitropyrene	-	8,90

HYDROCARBONS

NIST 1639

Solvent	5 x 1,5 ml
	mg/l
	Methanol
Chloroform	6235
Chlorodibromomethane	124,6
Bromodichloromethane	389,9
Bromoform	86,5
Carbon Tetrachloride	157,0
Trichloroethylene	85,8
Tetrachloroethylene	40,6

CHLOROVANÉ UHLOVODÍKY A FENOLY

SMÚ

C06

Solvent	20 x 1 ml
	mg/ml
	Methanol
1,1-Dichlorethan	0,975
1,2-Dichlorethan	0,984
1,1-Dichlorethylen	1,059
Trichlorethylen	1,099
Tetrachlorethylen	1,039
Chlorbenzen	1,022
1,2-Dichlorbenzen	1,001
1,4-Dichlorbenzen	1,001
2,3-Dichlorfenol	0,998
2,4-Dichlorfenol	0,994
2,5-Dichlorfenol	0,997
2,6-Dichlorfenol	0,998
3,4-Dichlorfenol	0,995
3,5-Dichlorfenol	0,990
2,4,5-Trichlorfenol	0,993
2,4,6-Trichlorfenol	0,989
Pentachlorfenol	0,992
γ-HCH	0,998
Směs těkavých chlorovaných uhlovodíků v methanolu	
Směs chlorovaných fenolů v methanolu	

ALDEHYDES AS 2,4-DINITROPHENYL HYDRAZONES

Catalog number	Substance	Purity	Availability
BCR 546	Formaldehyde 2,4-dinitrophenylhydrazone	>0,993	10 mg
BCR 547	Acetaldehyde 2,4-dinitrophenylhydrazone	0,983	10 mg
BCR 548	Acrolein 2,4-dinitrophenylhydrazone	>0,979	10 mg
BCR 549	Acetone 2,4-dinitrophenylhydrazone	>0,996	10 mg
BCR 550	Glutaraldehyde 2,4-dinitrophenylhydrazone	>0,981	10 mg

HYDRAZONES

	BCR 551	BCR 552
	Calibration Solution	
	Set: 4 x 551 + 1x 552	
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	Acetonitrole	Acetonitrole
Formaldehyde 2,4-Dinitrophenylhydrazone	2,94	<0,08
Acetaldehyde 2,4-Dinitrophenylhydrazone	4,89	<0,05
Acrolein 2,4-Dinitrophenylhydrazone	0,483	<0,04
Acetone 2,4-Dinitrophenylhydrazone	4,96	<0,05

	BCR 553	BCR 554
	Glass Fibre Filter (Spiked)	Glass Fibre (Blank)
	$\mu\text{g per filter}$	$\mu\text{g per filter}$
Formaldehyde 2,4-dinitrophenylhydrazone	4,96	<0,1

POLYCHLOROVANÉ BIFENYLY

	SMÚ C05
	10 x 1 ml mg/ml
Solvent	n-Heptan
DELOR 103	1,00
DELOR 104	1,00
DELOR 105	1,00
DELOR 106	1,00
Biphenyl	1,00
2-Chlorbiphenyl	1,00
4-Chlorbiphenyl	1,00
2,2'-Dichlorbiphenyl	1,00
2,4'-Dichlorbiphenyl	1,00
4,4'-Dichlorbiphenyl	1,00

Čisté látky, směsi

1.6

POLYCYCLIC AROMATIC COMPOUNDS

Catalog.number	Substance	Purity %	Availability
BCR 046	Benzo[b]chrysene	99,5	100 mg
BCR 047	Benzo[b]fluoranthene	99,5	100 mg
BCR 048R	Benzo[k]fluoranthene	99,5	10 mg
BCR 049	Benzo[j]fluoranthene	99,5	100 mg
BCR 050	Benzo[e]pyrene	99,0	100 mg
BCR 051R	Benzo[a]pyrene	99,2	10 mg
BCR 052	Benzo[ghi]perylene	99,0	100 mg
BCR 053	Indeno[1,2,3-cd]pyrene	99,0	100 mg
BCR 077R	1-Methylchrysene	99,0	10 mg
BCR 078R	2-Methylchrysene	99,2	10 mg
BCR 079R	3-Methylchrysene	99,2	10 mg
BCR 080R	4-Methylchrysene	99,2	10 mg
BCR 081R	5-Methylchrysene	99,63	10 mg
BCR 082R	6-Methylchrysene	99,8	10 mg
BCR 091	Anthanthrene	99,5	100 mg
BCR 092	10-Azabenzo[a]pyrene	99,5	10 mg
BCR 093R	1-Methylbenz[a]anthracene	99,3	100 mg
BCR 094	Dibenz[a,c]anthracene	99,5	100 mg
BCR 095	Dibenz[a,j]anthracene	99,7	100 mg
BCR 096	Dibenzo[a,l]pyrene	99,6	100 mg
BCR 097	Benzo[a]fluoranthene	99,5	100 mg
BCR 133	Dibenzo[a,e]pyrene	99,6	100 mg
BCR 134	Benzo[c]phenanthrene	99,7	100 mg
BCR 136R	Benzo[b]naphtho[2,3-d]thiophene	99,4	10 mg
BCR 137R	Benzo[b]naphtho[1,2-d]thiophene	99,7	100 mg
BCR 138	Dibenz[a,h]anthracene	99,0	100 mg
BCR 139	Benzo[ghi]fluoranthene	99,4	100 mg
BCR 140	Benzo[c]chrysene	99,5	100 mg
BCR 153R	Dibenz[a,h]acridine	99,86	10 mg
BCR 154	Dibenz[a,j]acridine	99,84	100 mg
BCR 155	Dibenz[a,c]acridine	99,85	100 mg
BCR 156R	Dibenz[c,h]acridine	99,30	10 mg
BCR 157	Benzo[a]acridine	99,77	100 mg
BCR 158	Benzo[c]acridine	99,84	100 mg
BCR 159	Dibenzo[a,h]pyrene	99,15	100 mg
BCR 160R	Fluoranthene	99,49	10 mg
BCR 168	Picene	99,75	10 mg
BCR 177R	Pyrene	99,75	10 mg

POLYCYCLIC AROMATIC COMPOUNDS

Catalog.number	Substance	Purity %	Availability
BCR 152	Dibenz[a,i]acridine	99,80	20 mg
BCR 265	Dibenzo[a,e]fluoranthene	99,80	20 mg
BCR 266	7H-Dibenzo[c,g]carbazole	99,66	20 mg
BCR 267	Indeno[1,2,3-cd]fluoranthene	99,78	20 mg
BCR 269	Chrysene	99,20	20 mg
BCR 270	Triphenylene	99,77	20 mg
BCR 271	Benz[a]anthracene	99,78	20 mg
BCR 272	Coronene	99,83	20 mg

NITRO-POLYCYCLIC AROMATIC HYDROCARBONS

Catalog.number	Substance	Purity %	Availability
BCR 305	1-Nitropyrene	99,68	10 mg
BCR 306	1-Nitronaphthalene	99,61	10 mg
BCR 307	2-Nitronaphthalene	99,70	10 mg
BCR 308	9-Nitroanthracene	99,67	10 mg
BCR 309	6-Nitrochrysene	98,90	10 mg
BCR 310	3-Nitrofluoranthene	99,65	10 mg
BCR 311	6-Nitrobenzo[a]pyrene	99,75	10 mg
BCR 312	2-Nitro-7-methoxynaphtho[2,1-b]furan	99,80	10 mg

OXYGENATED POLYCYCLIC AROMATIC HYDROCARBONS

Catalog.number	Substance	Purity %	Availability
BCR 337	Dibenzo[b,d]furan	99,0	10 mg
BCR 338	4H-Cyclopentan[def]phenanthren-4-one	99,58	10 mg
BCR 339	6H-Benzo[c,d]pyren-6-one	98,9	10 mg
BCR 340	Benzo[b]naphtho[1,2-d]furan	99,7	10 mg
BCR 341	Benzo[b]naphtho[2,1-d]furan	99,64	10 mg
BCR 342	Benzo[a]fluorenone	99,79	10 mg
BCR 343	3-Hydroxybenzo[a]pyrene	99,4	10 mg

POLYCHLORINATED BIPHENYLS

Catalog.number	Substance	Purity %	Availability
BCR 289	IUPAC No. 8	99,63	25 mg
BCR 290	IUPAC No. 20	99,84	25 mg
BCR 291	IUPAC No. 28	99,78	25 mg
BCR 293	IUPAC No. 52	99,59	25 mg
BCR 296	IUPAC No. 138	99,91	25 mg
BCR 297	IUPAC No. 153	99,93	25 mg
BCR 298	IUPAC No. 180	99,56	25 mg

ORGANOCHLORINE PESTICIDES		
	IPO ISLM 900 L	IPO ISLM 900 H
Calibration solution		
	1,2 ml	1,2 ml
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	Cyclohexane	Cyclohexane
o,p'-DDD	1,0	10,0
p,p'-DDD	1,0	10,0
o,p'-DDE	1,0	10,0
p,p'-DDE	1,0	10,0
Endrin	1,0	10,0
Dieldrin	1,0	10,0
o,p'-DDT	1,0	10,0
p,p'-DDT	1,0	10,0

ORGANOCHLORINE PESTICIDES		
	IPO LH 100	IPO LH 101
Calibration solution		
	1,2 ml	1,2 ml
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	Hexane	Hexane
alpha-HCH	0,02	0,2
beta-HCH	0,05	0,5
gamma HCH	0,02	0,2
Aldrin	0,02	0,2
p,p'-DDE	0,10	1,0
p,p'-DDD	0,10	1,0
p,p'-DDT	0,20	2,0

ORGANOPHOSPHORUS PESTICIDES		
	IPO LE 200	IPO LH 201
Calibration solution		
	1,2 ml	1,2 ml
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	ethyl acetate	ethyl acetate
Chlorpyrifos	60	30
Dichlorvos	10	25
Diazinon	40	20
Fenchlorphos	50	50
Malathion	50	75
Parathion ethyl	60	60
Tetrachlorvinphos	250	150

ORGANOCHLORINE PESTICIDES		
	IPO LH 103	IPO LH 104
Calibration solution		
	1,2 ml	1,2 ml
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	Hexan	Hexan
Hexachlorobenzene	0,02	0,2
Heptachlor	0,05	0,5
Heptachlorepoxyde	0,10	1,0
Dieldrin	0,10	1,0
Endrin	0,10	1,0
o,p'-DDT	0,20	2,0
o,p'-Methoxychlor	0,50	5,0
p,p'-Methoxychlor	0,50	5,0

ORGANOCHLORINE PESTICIDES		
	IPO LH 105	IPO LH 109
Calibration solution		
	1,2 ml	1,2 ml
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	Hexane	Hexane
alpha-HCH	-	0,2
beta-HCH	-	0,4
gamma HCH	0,02	0,2
p,p'-DDE	0,05	0,2
p,p'-DDD	0,10	0,4
p,p'-DDT	0,20	1,0
p,p'-Methoxychlor	0,50	-
Hexachlorobenzene	-	0,2

ORGANOPHOSPHORUS PESTICIDES		
	IPO LE 202	IPO LH 203
Calibration solution		
	1,2 ml	1,2 ml
	$\mu\text{g/ml}$	$\mu\text{g/ml}$
Solvent	ethyl acetate	ethyl acetate
Bromfenvinphos	100	75
Chlorfenvinphos	100	50
Dimethoate	40	50
Fenitrothin	80	90
Fenthion	50	40
Parathionmethyl	40	20
Trichlorfon	100	50

HALOHYDROCARBONS	
CHE 08 (1,5 ml)	Dibromochloromethane
CHE 01 (1,5 ml)	Dichloromethane
CHE 02 (1,5 ml)	Trichloromethane
CHE 04 (2,0 ml)	Tetrachloromethane
CHE 05 (1,5 ml)	Trichloroethylene
CHE 07 (1,5 ml)	Tetrachloroethylene
CHE 14 (1,5 ml)	1,1,2-Trichlorotrifluoroethane
CHE 19 (1,5 ml)	1,2-Dichloroethane

CHLOROPHENOLS	
IPO P01 (0,1g)	4-Chlorophenol
IPO P04 (0,1g)	2,4-Dichlorophenol
IPO P05 (0,1g)	2,5-Dichlorophenol
IPO P06 (0,1g)	2,6-Dichlorophenol
IPO P07 (0,1g)	3,4-Dichlorophenol
IPO P11 (0,1g)	2,4,6-Trichlorophenol