



NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 737/2020

Technický a zkušební ústav stavební Praha, s.p.
with registered office Prosecká 811/76a, Prosek, 190 00 Praha 9, Company Registration
No. 00015679

to the Testing Laboratory No. 1018.9
Branch Office ZÚLP – Testing Laboratory No. 1018.9

Scope of accreditation:

Testing of key parameters of light-industry products, environment related chemical analyses, combustibility of textiles, analysis of petroleum products, analyses for the assessment of health safety and testing of ecotoxicity to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 276/2020 of 29. 4. 2020, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **18. 5. 2023**

Prague: 3. 12. 2020



Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

**The Appendix is an integral part of
Certificate of Accreditation No. 737/2020 of 03/12/2020**

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Technický a zkušební ústav stavební Praha, s.p.
Branch Office ZÚLP – Testing Laboratory No. 1018.9
Nemanická 441/8, 370 10 České Budějovice

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
1	Small parts cylinder test	ČSN EN 71-1+A1+A1, cl. 8.2 ASTM F 963 cl. 4.6.1	Toys
2	Simple torsion test	ČSN EN 71-1+A1+A1, cl. 8.3 ASTM F 963 cl. 8.8	Toys
3	Tension test	ČSN EN 71-1+A1+A1, cl. 8.4 ASTM F 963 cl. 8.9	Toys
4	Drop test	ČSN EN 71-1+A1+A1, cl. 8.5	Toys
5	Tip over test	ČSN EN 71-1+A1+A1, cl. .6	Toys
6	Impact test	ČSN EN 71-1+A1+A1, cl. 8.7	Toys
7	Pressure test	ČSN EN 71-1+A1+A1, cl. 8.8 ASTM F 963 cl. 8.10	Toys
8	Steeping test	ČSN EN 71-1+A1+A1, cl. 8.9	Toys
9	Test of accessibility of a part or component	ČSN EN 71-1+A1+A1, cl. 8.10	Toys
10	Test of edge sharpness	ČSN EN 71-1+A1+A1, cl. 8.11 ASTM F 963 cl. 4.7.1	Toys
11	Test of point sharpness	ČSN EN 71-1+A1+A1, cl. 8.12 ASTM F 963 cl. 4.9.1	Toys
12	Test of flexibility of metallic wire	ČSN EN 71-1+A1+A1, cl. 8.13 ASTM F 963 cl. 8.12	Toys
13	Test of expansion of materials	ČSN EN 71-1+A1+A1, cl. 8.14	Toys
14	Leakage test	ČSN EN 71-1+A1+A1, cl. 8.15	Liquid-filled toys



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
15	Check of size and geometric shape	ČSN EN 71-1+A1+A1, cl. 8.16 ASTM F 963 cl. 4.22, 4.23, 4.24	Toys for small children
16	Test of durability of mouth-actuated toys	ČSN EN 71-1+A1+A1, cl. 8.17	Toys
17	Test of folding or sliding mechanisms and openings	ČSN EN 71-1+A1+A1, cl. 8.18 ASTM F 963 cl. 4.18	Toys
18	Determination of the electric resistivity of cords	ČSN EN 71-1+A1+A1, cl. 8.19	Toys
19	Test of cords cross-sectional dimension	ČSN EN 71-1+A1+A1, cl. 8.20	Toys
20	Static strength test	ČSN EN 71-1+A1+A1, cl. 8.21	Toys
21	Dynamic strength test	ČSN EN 71-1+A1+A1, cl. 8.22	Toys
22	Stability test	ČSN EN 71-1+A1+A1, cl. 8.23	Toys
23	Test of the kinetic energy of projectiles	ČSN EN 71-1+A1+A1, cl. 8.24	Toys
24	Measurement of the thickness of plastic sheets	ČSN EN 71-1+A1+A1, cl. 8.25	Toys
25	Test of brake performance	ČSN EN 71-1+A1+A1, cl. 8.26	Toys
26	Test of the strength of toy scooter steering tubes	ČSN EN 71-1+A1+A1, cl. 8.27	Toys
27	Determination of maximum design speed of electrically-driven ride-on toys	ČSN EN 71-1+A1+A1, cl. 8.29	Toys
28	Temperature rise test	ČSN EN 71-1, cl+A1. 8.30	Toys
29	Test of lowering of toy chest lids	ČSN EN 71-1, cl+A1. 8.31	Toys
30	Small balls and suction cups test	ČSN EN 71-1, cl+A1. 8.32	Toys
31	Test for play figures	ČSN EN 71-1, cl+A1. 8.33	Toys
32	Tension test for magnets	ČSN EN 71-1, cl+A1. 8.34	Toys
33	Determination of magnetic flux index	ČSN EN 71-1, cl+A1. 8.35 ASTM F 963 cl+A1. 8.25	Toys

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34	Test of perimeter of cords and chains	ČSN EN 71-1, cl+A1. 8.36	Toys
35	Test of yo-yo balls	ČSN EN 71-1+A1, cl. 8.37	Toys
36	Breakaway feature separation test	ČSN EN 71-1+A1, cl. 8.38	Toys
37	Test of self-retracting cords	ČSN EN 71-1+A1, cl. 8.39	Toys
38	Test of length of cords, chains and electrical cables	ČSN EN 71-1+A1, cl. 8.40	Toys
39	Test of the safe distance of connected edges and hinges	ČSN EN 71-1+A1, cl. 4.10.3	Toys
40	Spring test	ČSN EN 71-1+A1, cl. 4.10.4	Toys
41	Test of the tangle potential of two cords or chains	ČSN EN 71-1+A1, cl. 8.41	Toys – cords and chains
42	Determination of projectile range	ČSN EN 71-1+A1, cl. 8.42	Toys – projectiles
43	Test of the dimensions of leading parts	ČSN EN 71-1+A1, cl. 8.43	Toys – projectiles and flying toys
44	Test of flammability of textile materials	ČSN EN 71-2 + A1, cl. 5	Toys
45	Reserved		
46	Test of limit dimensions	ČSN EN 71-4, cl. 5.2.1.1	Toys – containers and glassware
47	Test of container closures	ČSN EN 71-4, cl. 5.2.1, Annex A ČSN EN 71-1+A13, Annex C	Toys - Closures of chemical containers - Child-resistant packaging
48	Test tube holder stability test	ČSN EN 71-4, cl. 5.4	Toys - chemistry sets
49	Eye protection set	ČSN EN 71-4, cl. 5.5	Toys - chemistry sets
50	Measurement of the length of suction cup projectiles	ČSN EN 71-1+A1, cl. 8.44	Toys – projectiles
51	Stability test	ČSN EN 71-8, cl. 6.2	Activity toys
52	Static strength test	ČSN EN 71-8, cl. 6.3	Activity toys
53	Dynamic strength test	ČSN EN 71-8, cl. 6.4	Barriers and handrails of activity toys

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54	Test for head and neck entrapment	ČSN EN 71-8, cl. 6.5	Activity toys
55	Toggle test	ČSN EN 71-8, cl. 6.6	Activity toys
56	Measurement of angle and inclination	ČSN EN 71-8, cl. 6.7	Activity toys – slides
57	Assessment of the diameter of ropes and other means of suspension	ČSN EN 71-8, cl. 6.8	Activity toys
58	Static load resistance test	ČSN EN 71-8, cl. 6.10	Activity toys – paddling pools
59-61	Reserved		
62	Test of resistance to saliva and perspiration	Regulation No. 84/2001 Coll.	Toys, products for children, wooden school supplies
63	Fall test	ASTM F 963 cl. 8.7.3	Toys with wheels
64	Impact test for toys that cover the face	ASTM F 963 cl. 8.7.4	Toys
65	Test of tires, wheels and axles	ASTM F 963 cl. 8.11	Toys
66-68	Reserved		
*69	Physical tests of structural integrity	ČSN EN 1176-1, Annex C	Playground equipment
*70	Test of the entrapment of body parts and clothing	ČSN EN 1176-1, Annex D	Playground equipment
*71	Test of suspension by dynamic load	ČSN EN 1176-2 ed. 2, Annex C	Playground equipment - swings
*72	Assessment of slide surface	ČSN EN 1176-3 ed. 2, 4.6	Playground equipment - slides
*73	Determination of the efficiency of stops	ČSN EN 1176-4 ed. 2, Annex A	Playground equipment - cableways
*74	Test of the maximum speed of travel	ČSN EN 1176-4 ed. 2, Annex B	Playground equipment - cableways
*75	Test of the attachment strength of supporting structure components to the rotating shaft	ČSN EN 1176-5, Annex A	Playground equipment - merry-go-rounds
*76	Determination of stand slope	ČSN EN 1176-6 ed. 2, Annex B	Playground equipment - rocking equipment

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*77	Determination of freedom from pinch and crush points	ČSN EN 1176-6 ed. 2, Annex C	Playground equipment - rocking equipment
*78	Determination of lateral stability	ČSN EN 1176-6 ed. 2, Annex D	Playground equipment - rocking equipment
79-80	Reserved		
81	Test of the structural integrity of protection point connections	ČSN EN 12572-1, Annex C	Artificial climbing structures
82	Impact test of surface elements	ČSN EN 12572-1, Annex D ČSN EN 12572-2, Annex C	Artificial climbing structures
83	Panel insert resistance test	TL method no. 64 (ČSN EN 12572-1, Annex E, ČSN EN 12572-2, Annex D)	Artificial climbing structures
*84	Verification of the correct installation of elements	ČSN EN 12572-1, Annex F	Artificial climbing structures
85-86	Reserved		
87	Assessment of heating and abnormal operation	ČSN EN 62115, cl. 9.3 ÷ 9.8	Toys
88	Test of electric strength	ČSN EN 62115, cl. 10	Toys
89	Test of humidity resistance	ČSN EN 62115, cl. 11.2	Toys
90	Electric strength at room temperature	ČSN EN 62115, cl. 12	Toys
91	Test of mechanical strength	ČSN EN 62115, cl. 13	Toys
92	Assessment of structure	ČSN EN 62115, cl. 14.1, 14.5 ÷ 14.7, 14.10, 14.11	Toys
93	Test of wire supply protection	ČSN EN 62115, cl. 15.2	Toys
94	Test of screws and connections	ČSN EN 62115, cl. 17.1	Toys
95	Assessment of creepage distances and clearances	ČSN EN 62115, cl. 18	Toys
96	Test of resistance to heat and fire	ČSN EN 62115, cl. 19	Toys
97-98	Reserved		



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99	Determination of performance – comparative test	TL method no. 3 (ISO 4319:1977, DIN 53990:1982)	Detergents
100	Determination of cleaning performance – tile test	TL method no. 4, method A,B,C,D (Horáková, Composite Authors)	Cleaning agents
101	Washing performance test	TL method no. 5 method A,B (ČSN EN 50242:1999 cl. 6.3, 6.4, 6.7.1)	Cleaning agents
102	Flame height measurement	ČSN EN ISO 9994, cl. 5.2	Lighters
103	Spitting, sputtering and flaring tests	ČSN EN ISO 9994, cl. 5.3	Lighters
104	Flame extinction test	ČSN EN ISO 9994, cl. 5.4	Lighters
105	Fuel compatibility test	ČSN EN ISO 9994, cl. 5.5	Lighters
106	Refilling test	ČSN EN ISO 9994, cl. 5.6	Lighters
107	Test of volumetric fuel displacement	ČSN EN ISO 9994, cl. 5.7	Lighters
108	Fall test	ČSN EN ISO 9994, cl. 5.8	Lighters
109	Elevated-temperature test	ČSN EN ISO 9994, cl. 5.9	Lighters
110	Internal pressure test	ČSN EN ISO 9994, cl. 5.10	Lighters
111	Cyclic-burning-time test	ČSN EN ISO 9994, cl. 5.11	Lighters
112	Continuous-burning-time test	ČSN EN ISO 9994, cl. 5.12	Lighters
113	Test of child-resistant lighters	ČSN EN 13869, cl. 5	Child-resistant lighters
114	Reserved		
115	Striking performance test	ČSN EN 1783, Annex A	Matches
116	Test of heat ignition (self-ignition)	ČSN EN 1783, Annex B	Matches
117	Test of striking surface performance	ČSN EN 1783, Annex C	Matches
118	Impact resistance test	ČSN EN 1783, Annex D	Matches
119	Determination of volatile organic compounds (VOC) - GC-MS with thermal desorption	Method No. 100660-02 Method No. 100660-04 (ČSN EN ISO 16000-10)	Building products, coating materials, plastics, paints, toys

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120	Determination of organic chemical compounds: - fire retardants – GC-MS	Method No. 100601-01 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.2)	Toys
121	Determination of organic chemical compounds: - dyes - HPLC-DAD	Method No.100601- 02 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.3)	Toys
122	Determination of organic chemical compounds: - primary aromatic amines - GC-MS	Method No.100601- 03 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.4)	Toys
123	Determination of organic chemical compounds: - migration of plastic monomers (acrylamide, phenol, bisphenol A) - HPLC-DAD	Method No. 100601-04 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.5.1, 5.5.2)	Toys
124	Determination of organic chemical compounds: - migration of plastic monomers (formaldehyde) - Spectrometry	Method No.100601- 05 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.5.3)	Toys
125	Determination of organic chemical compounds: - migration of plastic monomers (styrene) GC-MS	Method No.100601- 06 (PO-CON 1464E Method SHIMADZU)	Toys
126	Determination of organic chemical compounds: - migration of solvents (trichloroethylene, dichloromethane) GC-MS	Method No.100601- 07 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.5.4)	Toys
127	Determination of organic chemical compounds: - migration of solvents (methanol, toluene, ethylbenzene, xylenes, cyclohexanone) GC-MS	Method No.100601- 08 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.5.5)	Toys

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
128	Determination of organic chemical compounds: - migration of solvents GC-MS	Method No. 100601-09 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.5.5.4)	Toys
129	Determination of organic chemical compounds: - inhalation of solvents GC-MS	Method No.100601- 10 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.5.6)	Toys
130	Determination of organic chemical compounds: - wood preservatives GC-MS	Method No.100601- 11 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.6)	Toys
131	Determination of organic chemical compounds: - preservatives, other than for wood preservatives – HPLC-DAD	Method No.100601- 12 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.7)	Toys
132	Determination of the migration of softeners – GC-MS	Method No.100601- 13 (ČSN EN 71-9 + A1, ČSN EN 71-1+A10, ČSN EN 71-1+A11 Part 5.8)	Toys
133	Determination of the content of phthalates – GC-MS	Method No. 100602 (CPSC-CH-C1001-09-3)	Toys, products for children, coating materials, surface coatings, plastics, building products
134	Determination of phenolic compounds in aqueous extract by spectrometry with 4-aminoantipyrine	Method No. 100604 (ČSN ISO 6439)	Coating materials, textile, plastics, paper, wood, building products, surface coatings, toys
135	Determination of PCB - GC-MS	Method No. 100605-01 (ČSN EN ISO 15318)	Coating materials, waste, soils, oils, sludge, paper, textile, building products, toys
136	Determination of PBB - GC-MS	Method No. 100605-02 (EPA-560/13-79-001)	Coating materials, waste, soils, oils, sludge, paper, textile, building products, toys



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137	Determination of PBDE - GC-MS	Method No. 100605-03 (Application Note 10047 Thermo Scientific)	Coating materials, waste, soils, oils, sludge, paper, textile, building products, toys
138	Determination of the content of dry matter and non-volatile constituents by gravimetry	Method No. 100606 (ČSN 68 1504, cl. 6 ČSN 68 1507:1977, cl. 7)	Washing and cleaning agents, softeners, cosmetics
139	Determination of extractable formaldehyde by spectrophotometry with acetylacetone agent	Method No. 100607- 01 (ČSN EN ISO 14184-1)	Textile
140	Determination of formaldehyde in aqueous extract by spectrophotometry with acetylacetone agent	Method No. 100607- 02 (ČSN EN 645, ČSN EN 1541)	Paper, board
141	Determination of the content of free formaldehyde in air samples taken from a test chamber – by spectrophotometry with acetylacetone agent	Method No. 100607- 03 (ČSN EN 717-1)	Furniture, wood-based panels, toys
142	Determination of formaldehyde release from wood by the flask method by spectrophotometry with acetylacetone agent	Method No. 100607- 04 (ČSN EN 717-3)	Furniture, wood-based panels, toys
143	Determination of releasable formaldehyde in wall coverings by the flask method by spectrophotometry with acetylacetone agent	Method No. 100607- 05 (ČSN EN 12149)	Wall coverings
144	Determination of the migration of certain elements – flame AAS	Method No. 100608-01 (ČSN EN 71-3+A3)	Toys, costume jewelry, glass, plastics, writing utensils, stationeries, surface coatings, coating materials, ceramics, porcelains, enamels, textile



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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
145	Determination of migration of Hg – AMA	Method No. 100608-02 (ČSN EN 71-3+A3)	Toys, costume jewelry, glass, plastics, writing utensils, stationeries, surface coatings, coating materials, ceramics, porcelains, enamels, textile
146	Determination of migration of certain elements – ETA-AAS	Method No.100608-03 (ČSN EN 71-3+A3)	Toys, costume jewelry, glass, plastics, writing utensils, stationeries, surface coatings, coating materials, ceramics, porcelains, enamels, textile
147	Determination of hazardous metals (Cd, Pb) in acetic acid extract – flame AAS	Method No. 100610 (ČSN EN 1388-1, ČSN EN 1388-2)	Enamels, glass, ceramics, porcelain, kitchenware
148	Determination of metals in mineralizate of a sample – flame AAS	Method No. 100611-01 (ČSN EN 12506:2003)	Plastics, paper, metallic materials, packaging, toys, coating materials, sludge, surface coatings, building products
149	Determination of Hg in mineralizate of a sample – AMA	Method No. 100611-02 (AMA 254 manual)	Plastics, paper, metallic materials, packaging, toys, coating materials, sludge, surface coatings, building products
150	Determination of the total content of Pb in products for children – flame AAS	Method No.100611-03 (CPSC-CH-E1001-08-08.3 CPSC-CH-E1002-08-08.3)	Products for children, toys, metallic products for children
151	Determination of metals in water and aqueous extracts – flame AAS	Method No. 100612-01 (ČSN EN 1811+ A1 ČSN EN 12472 + A1)	Water, waste, rubber, silicones, surface coatings, paper, building products, toys, costume jewelry
152	Determination of Hg in water and aqueous extracts – AMA	Method No. 100612-02 (AMA 254 manual)	Water, waste, rubber, silicones, surface coatings, paper, building products, toys, costume jewelry
153	Determination of ammonium by spectrophotometry with Nessler agent	Method No. 100613-01 (ČSN ISO 7150-1)	Coating materials, plastics, paper, textile, building products, surface coatings of products

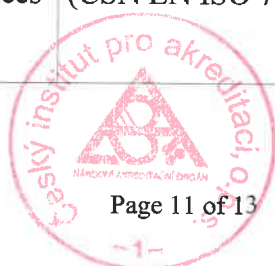


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154	Determination of phosphate by spectrophotometry with molybdate	Method No. 100613-05 (ČSN EN 1189)	Coating materials, plastics, paper, textile, building products, surface coatings of products
155	Determination of pH	Method No. 100614 (ČSN ISO 10523, EN ISO 787-9)	Water, aqueous extracts, waste, paper, light industry products, building products, toys
156	Determination of the content of phosphorus pentaoxide by gravimetry	Method No.100615 (ČSN 68 1155, cl. 3, Method B)	Washing and cleaning agents and soaps
157	Determination of the properties of rubber by volumetric analysis	Method No. 100617 (ČSN 62 1156)	Rubber, silicones, plastics
158	Determination of sulphate ash by gravimetry	Method No. 100625 (ČSN EN ISO 3451-1, method C)	Plastics, surface coatings
159	Determination of extractives by gravimetry	Method No. 100626 (Commission Regulation EU No.10/2011, Annex III)	Plastics, surface coatings
160	Determination of primary aromatic amines by spectrophotometry with N-(1-Naphtyl) ethylene-diaminedihydrochloride	Method No. 100630 (ČSN 62 1156, Part 18)	Plastics, surface coatings, toys
161	Determination of polyaromatic hydrocarbons – GC-MS	Method No. 100635 (ZEK 01-08)	Water, soil, sludge, waste
162	Determination of aromatic amines after splitting of azo dyes – GC-MS	Method No. 100640 (ČSN EN 71-7)	Toys, textile, surface coatings
163	Determination of the content of vinylchloride – GC-MS	Method No. 100663 (ČSN EN 12149)	Plastics, toys, wall-coverings
164	Determination of specific migration – GC-MS	Method No. 100664 (Commission Regulation EU No.10/2011, Annex I)	Plastics, elastomers, coating materials, toys, building products
165	Determination of the acute lethal toxicity of substances to a freshwater fish	Method No.100669 (ČSN EN ISO 7346-2)	Water, aqueous extracts, pure chemicals, waste, sludge, building materials and light industry products



**The Appendix is an integral part of
Certificate of Accreditation No. 737/2020 of 03/12/2020**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Technický a zkušební ústav stavební Praha, s.p.
Branch Office ZÚLP – Testing Laboratory No. 1018.9
Nemanická 441/8, 370 10 České Budějovice

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested object
166	Acute toxicity test on <i>Daphnia magna</i>	Method No. 100670 (ČSN EN ISO 6341)	Water, aqueous extracts, pure chemicals, waste, sludge, building materials and light industry products
167	Freshwater algal growth inhibition test	Method No. 100671 (ČSN EN ISO 8692)	Water, aqueous extracts, pure chemicals, waste, sludge, building materials and light industry products
168	Determination of the toxicity to the seeds of <i>Sinapis alba</i>	Method No. 100672 (Annex No. 1 of the Waste Department Guideline to the determination of ecotoxicity of wastes - MoE Bulletin No. 4/2007, part 4)	Water, aqueous extracts, pure chemicals, waste, sludge, building materials and light industry products
169	Determination of the content of Cr ^{VI} in cement – by spectrophotometry with diphenylcarbazine	Method No. 100673 (ČSN EN 196-10)	Cement

¹ asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

Determined parameters according to the test number:

119: benzene, toluene, sum of xylenes, styrene, ethylbenzene, formaldehyde, trichloroethylene, tetrachloroethylene

120: tri-o-cresylphosphate, tris(2-chloroethyl)phosphate

121: disperse Blue 1,3,106,124, disperse Yellow 3, disperse Orange 3,37/76, disperse Red 1, Solvent Yellow 1,2,3, basic Red 9, basic Violet 1,3, Acid Red 26, acid Violet 49

122: benzidine, 2-naphthylamine, 4-chloroaniline, 3,3'-dichlorobenzidine, 3,3'-dimethoxybenzidine, 3,3'-dimethylbenzidine, o-toluidine, o-anisidine, aniline

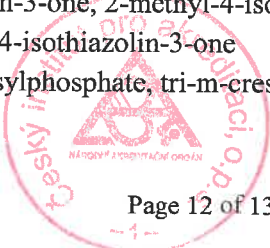
128: 2-methoxyethylacetate, 2-ethoxyethanol, 2-ethoxyethylacetate, bis(2-methoxyethyl)ether, 2-methoxypropylacetate, nitrobenzene, 3,5,5-trimethyl-2-cyclohexene-1-on

129: toluene, ethylbenzene, xylenes, dichloromethane, n-hexane, nitrobenzene cyclohexanone

130: pentachlorophenol, lindane

131: phenol, 1,2-benzylisothiazolin-3-one, 2-methyl-4-isothiazolin-3-one, 5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazolin-3-one

132: triphenylphosphate, tri-o-cresylphosphate, tri-m-cresylphosphate, tri-p-cresylphosphate



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- 133: dimethylphthalate (DMP), diethylphthalate (DEP), dipropylphthalate (DPrP),
diisobutylphthalate (DIBP), dibutylphthalate (DBP), benzylbutylphthalate (BBP),
dipentylphthalate (DPeP), di-(2-ethylhexyl)phthalate (DEHP), dicyclohexylphthalate (DCHP), di-
n-octylphthalate (DNOP), diisononylphthalate (DINP), diisodecylphthalate (DIDP)
- 135: PCB congeners: 28, 52, 101, 138, 153, 180
- 136: PBB: 3,3',4,4'-tetrabromobiphenyl; 2,2',3,3',4,5',6,6'-octabromobiphenyl
- 137: PBDE: 2,2',3,3'-Tetrabromodiphenylether; 2,2',3,3',4,4',6,6'-tetrabromodiphenylether
- 144: As, Ba, Cd, Cr, Pb, Sb, Se, Al, B, Co, Cu, Mn, Ni, Sr, Sn, Zn
- 146: As, Cd, Cr
- 148: Al, As, Ba, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Sb, Se, Sn, Zn, Li, Sr
- 151: Al, As, Ba, Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb, Sb, Se, Sn, Zn, Li, Sr

Explanations:

Water	- Service and surface water
AAS	- Atomic Absorption Spectrometry
AMA	- Advanced Mercury Analyzer
GC	- Gas Chromatography
GC-MS	- Gas Chromatography/Mass Spectrometry
HPLC	- High-Performance Liquid Chromatography
ETA-AAS	- Electrothermal Atomisation AAS
Method	- Internal testing procedure of the Testing Laboratory – Analytics Department
MoE	- Ministry of Environment
PCB	- Polychlorinated Biphenyls
PBB	- Polybrominated Biphenyls
PBDE	- Pentabromodiphenylether
VOC	- Volatile Organic Compounds

Reference documents:

- ZEK 01 – 08 : Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAH) for granting the GC mark (2008)
- CPSC-CH-C1001-09.3: USA, Consumer Product Safety Commission
Directorate for Laboratory Sciences, Division of Chemistry
Standard Operating Procedure for Determination of Phthalates (2010)
- CPSC-CH-E1001-08.3: Standard operating procedure for the determination of total lead (Pb) in metallic products for children (2012)
- CPSC-CH-E1002-08.3: Standard operating procedure for the determination of total lead (Pb) in non-metallic products for children (2012)
- Horáková, Composite Authors: Horáková: Chemical and Physical Methods for Water Analysis,
Composite Authors: Material corrosion and protection