

- Business of Andrija Stampar Teaching Institute of Public Health is certified by BUREAU VERITAS CROATIA according to ISO 9001:2015, ISO 14001:2015 i ISO 45001:2018
- The official laboratory according by the Decision of the Ministry of Agriculture, Class: UP / I-322-01 / 16-01 / 59, Reg. No: 525-10 / 1308-17-5 of 7 February 2017.
- The official laboratory according by the Decision of the Ministry of Health; Class: UP / I-541-02 / 13-01 / 17, Reg: 525-10 / 1308-15-10 dated June 12, 2015.
- The Reference Laboratory for determination of Mycotoxins by the Decision of the Ministry of Agriculture, Class: UP / I-310-26 / 13-01 / 56, Reg. No. 525-10 / 1307-14-7 of 18 March 2014.
- Reference laboratory for pesticides in food of plant origin, for pesticides in fruit and vegetables, cereals, and pesticide testing by single residue methods (SRM); according to the Decision of the Ministry of Agriculture, Class: UP / I-322-01/17-01/120, Ur. No. 525-10/0766-19-16 of January 4, 2019.
- The Reference Center of the Ministry of Health for Food Safety testing; UP / I-510-01 / 15-01 / 31; Reg. No: 534-04-1-2 / 7-16-14 of 14 July 2016.
- The Decision of the Ministry of Agriculture of determining laboratories for Honey Adulteration Analysis, Class: UP / I-322-01 / 14-01 / 1408, Reg. No: 525-10 / 1307-14-2 of 15 July 2014.

ANALYSIS REPORT

For analytical number: 05401 01195/19

Buyer R.B.M. S.p.A.
25075 Nave, Via Giuseppe 1

Date: 03.02.2020.

GENERAL INFORMATION

Class: 541-02/19-02/657

Delivery number: 381-5-2/2-20-02

Sample name: **PRESS-FITTING CODE 0673.16.20 lot: A15037**

Sample type: pipes, pipelines

Delivery time: 20.12.2019. 11:11

Analysis began: 20.12.2019. 11:11

Analysis ended: 03.02.2020. 09:45

Request reason: Safety

Delivery type: Delivered

Delivered R.B.M. S.p.A.

Report delivery address 1. R.B.M. S.p.A., Italija, 25075 Nave, Via Giuseppe 1

SAMPLE DESCRIPTION

Delivered samples are PRESS-FITTINGS CODE 0673.16.20 – lot number A15037 – production date 22.10.2019 which according to the manufacturer's statement are representatives of the series:

671/672/673/674/675/676/677/678/679/680/851/852/853/890/933/999.

Fittings are made of metal for use in drinking water systems.

Manufacturer / requester: R.B.M. S.p.A., Via Giuseppe 1, 25075 Nave (Brescia), Italy.

CONFORMITY ASSESSMENT

The analyzed sample considering the tested parameters complies with Art.20 Regulation on health safety of objects and materials in direct contact with food (O.G. 125/09, O.G. 31/11) connection with art. 4 of Annex I tb.3 and 4 of the Regulation on the parameters of compliance, methods of analysis, monitoring and safety plans for water for human consumption and the manner of keeping a register of legal entities engaged in the public water supply activity (O.G. 125/2017), due to Article 4 of the Act General Use Items (O.G. 39/13, 47/14,114/18) and Art. 7 pt. 4 of the of the Water Consumption Act (O.G. 56/13, 14/14, 64/15,104/17,115/18) the sample is considered to be safe.

Head of Division
Jasna Bošnjir, Ph.D.



MDK⁺⁺⁺ Maximum levels according to legal obligations stated in the opinion

Date: 03.02.2020.

Buyer: R.B.M. S.p.A., 25075 Nave, Via Giuseppe 1

Sample name: PRESS-FITTING CODE 0673.16.20 lot: A15037

Sample delivery time to the Laboratory: 20.12.2019. 11:11

ANALYSIS RESULTS

For analytical number: 05401 01195/19

Laboratory for Atomic Spectroscopy and Mass Spectrometry					
Analysis began: 20.12.2019. 11:11			Analysis ended: 30.01.2020. 08:37		
Name of analysis	Method	Technique	Measuring unit	Result	MDK ⁺⁺⁺
Vanadium	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 5
Lead (Pb)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 2	< 10
Cadmium (Cd)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 0,2	< 5
Arsenic (As)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 0,5	< 10
Mercury (Hg)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 0,1	< 1
Chromium (Cr)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 50
Nickel (Ni)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 4	< 20
Manganese (Mn)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 50
Selenium	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 10
Barium (Ba)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 5	< 700
Zinc (Zn)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	0,05	< 3000
Iron (Fe)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 10	200
Aluminum (Al)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 5	< 200
Antimony (Sb)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 2	< 5
Cobalt (Co)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	
Copper	SOP-263-053	AAS; ICP-MS	mg L ⁻¹	< 0,01	< 2
Boron (B)	SOP-262-053 Edition 01	AAS; ICP-MS	mg L ⁻¹	< 0,01	1

The results are related only to sample analyzed and should not be used in the advertising purposes.

Measurement uncertainty for this methods is available on request in analysing laboratory.

Laboratory for Chemical Analysis of Food Contact Materials					
Analysis began: 20.12.2019. 11:11			Analysis ended: 03.02.2020. 09:45		
Name of analysis	Method	Technique	Measuring unit	Result	MDK***
Sensory properties	-		-	no foreign odors and impurities.	
The test was carried out with tap water for 4 hours at a temperature of 20 ° C +/- 2 ° C.					

Head of Division
Jasna Bošnjir, Ph.D.




End of analysis report

The results are related only to sample analyzed and should not be used in the advertising purposes.

Measurement uncertainty for this methods is available on request in analysing laboratory.

- Poslovanje NZZJZAŠ je certificirano od strane BUREAU VERITAS CROATIA prema normama ISO 9001:2015, ISO 14001:2015 i ISO 45001:2018
- Službeni laboratorij prema Rješenju Ministarstva poljoprivrede, Klasa: UP/I-322-01/16-01/59, Ur. broj: 525-10/1308-17-5 od 7. veljače 2017. godine.
- Službeni laboratorij prema Rješenju Ministarstva zdravlja Klasa: UP/I-541-02/13-01/17, Ur. Broj: 525-10/1308-15-10 od 12. lipnja 2015. godine.
- Referentni laboratorij za određivanje mikotoksina prema Rješenju Ministarstva poljoprivrede, Klasa: UP/I-310-26/13-01/56, Ur. broj 525-10/1307-14-7 od 18. ožujka 2014. godine.
- Referentni laboratorij za područje pesticida u hrani biljnog podrijetla, za pesticide u voću i povrću, žitaricama, te ispitivanju pesticida pojedinačnim metodama; prema Rješenju Ministarstva poljoprivrede, Klasa: UP/I-322-01/17-01/120, Ur. broj 525-10/0766-19-16 od 04. siječnja 2019. godine.
- Referentni centar Ministarstva zdravlja za ispitivanje zdravstvene ispravnosti hrane; UP/I-510-01/15-01/31; Ur. broj: 534-04-1-2/7-16-14 od 14. srpnja 2016. godine.

ISPITNI IZVJEŠTAJ

Za analitički broj: 05401 01195/19

Kupac R.B.M. S.p.A.
25075 Nave, Via Giuseppe 1

Datum: 03.02.2020.

OPĆI PODACI

Klasa: 541-02/19-02/657
Ur. broj 381-5-2/2-20-02

Naziv uzorka: **PRESS-FITTING CODE 0673.16.20 lot: A15037**
Vrsta uzorka: cijevi, cjevovodi
Vrijeme dostave: 20.12.2019. 11:11
Analiza započeta: 20.12.2019. 11:11 Analiza završena: 03.02.2020. 09:45
Razlog zahtjeva: Zdravstvena ispravnost
Tip dostave: Dostavljeno
Dostavljeno R.B.M. S.p.A.

Dostaviti: 1. R.B.M. S.p.A., Italija, 25075 Nave, Via Giuseppe 1

OPIS UZORKA:

Dostavljeni uzorak su PRESS-FITTING CODE 0673.16.20 lot: A15037 - datum proizvodnje 22.10.2019., koji su prema navodu proizvođača predstavnici serija: 671/672/673/674/675/676/677/678/679/680/851/852/853/890/933/999.

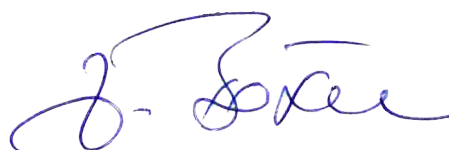
Fitinzi su izrađeni od metala za uporabu u sustavima za pitku vodu.

Proizvođač / podnositelj zahtjeva: R.B.M. S.p.A., Via Giuseppe 1, 25075 Nave (Brescia), Italija.

IZJAVA O SUKLADNOSTI:

Analizirani uzorak obzirom na ispitane parametre SUKLADAN je čl.20 Pravilnika o zdravstvenoj ispravnosti materijala i predmeta koji dolaze u neposredan dodir s hranom (N.N.125/09, N.N.31/11) veza s čl. 4 Priloga I tb.3 i 4 Pravilnika o parametrima sukladnosti, metodama analize, monitoringu i planovima sigurnosti vode za ljudsku potrošnju te načinu vođenja registra pravnih osoba koje obavljaju djelatnost javne vodoopskrbe (NN 125/2017), te se u smislu čl.4 Zakona o predmetima opće uporabe (N.N. 39/13, N.N.47/14,114/18) i čl. 7 tč. 4 Zakona o vodi za ljudsku potrošnju (N.N. 56/13, 14/14, 64/15,104/17, 115/18) smatra zdravstveno ispravnim.

Voditelj Odjela
Prof. dr. sc. Jasna Bošnjir dipl. ing.



Rezultati se odnose isključivo na analizirani uzorak i ne smiju se koristiti u reklamne svrhe. Faksimil je autentičan s originalnim potpisom ovlaštene osobe.

MDK^{III} maksimalno dozvoljena količina prema zakonskim propisima navedenim u ocjeni sukladnosti

Datum: 03.02.2020.

Kupac: R.B.M. S.p.A., 25075 Nave, Via Giuseppe 1

Naziv uzorka: PRESS-FITTING CODE 0673.16.20 lot: A15037

Vrijeme dostave uzorka u laboratorij: 20.12.2019. 11:11

REZULTATI ISPITIVANJA

Za analitički broj: 05401 01195/19

Laboratorij za atomsku spektroskopiju i spektometriju masa					
Analiza započeta: 20.12.2019. 11:11			Analiza završena: 30.01.2020. 08:37		
Naziv analize	Metoda	Tehnika ispitivanja	Mjerna jedinica	Rezultat	MDK ⁺⁺⁺
Vanadij	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 5
Olovo (Pb)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 2	< 10
Kadmij (Cd)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 0,2	< 5
Arsen (As)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 0,5	< 10
Živa (Hg)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 0,1	< 1
Krom (Cr)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 50
Nikal (Ni)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 4	< 20
Mangan (Mn)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 50
Selen	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	< 10
Barij (Ba)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 5	< 700
Cink (Zn)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	0,05	< 3000
Željezo (Fe)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 10	200
Aluminij (Al)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 5	< 200
Antimon (Sb)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 2	< 5
Kobalt (Co)	SOP-263-053	AAS; ICP-MS	µg L ⁻¹	< 1	
Bakar (Cu)	SOP-263-053	AAS; ICP-MS	mg L ⁻¹	< 0,01	< 2
Bor	SOP-262-053 Izdanje 01	AAS; ICP-MS	mg L ⁻¹	< 0,01	1

Rezultati se odnose isključivo na analizirani uzorak i ne smiju se koristiti u reklamne svrhe. Faksimil je autentičan s originalnim potpisom ovlaštene osobe.

Laboratorij za predmete koji dolaze u kontakt s hranom					
Analiza započeta: 20.12.2019. 11:11			Analiza završena: 03.02.2020. 09:45		
Naziv analize	Metoda	Tehnika ispitivanja	Mjerna jedinica	Rezultat	MDK***
Senzorska svojstva	-		-	bez stranih mirisa i primjesa	
Ispitivanje je provedeno stajanjem vodovodne vode tijekom 4 sata, pri temp.od 20°C +/-2°C.					

Voditelj Odjela
Prof. dr. sc. Jasna Bošnjir dipl. ing.




Kraj izvještaja o ispitivanju

Rezultati se odnose isključivo na analizirani uzorak i ne smiju se koristiti u reklamne svrhe. Faksimil je autentičan s originalnim potpisom ovlaštene osobe.