

- 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 01194/19

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 0826.16.00 lot: A08754**

Sample type: pipes, pipelines

Delivery time: 20.12.2019. 11:11

Analysis began: 20.12.2019. 11:11

Analysis ended: 03.02.2020. 10:27

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 0826.16.00 – lot number A08754 – production date 07.02.2019 which, according to the manufacturer's statement, are representatives of the series: 812/826/962/963

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<sup>+++</sup> 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 0826.16.00 lot: A08754**

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

## ANALYSIS RESULTS

For analytical number: 05401 01194/19

| Laboratory for Atomic Spectroscopy and Mass Spectrometry |                        |             |                                   |        |                    |
|--|------------------------|-------------|-----------------------------------|--------|--------------------|
| Analysis began: 20.12.2019. 11:11                        |                        |             | Analysis ended: 30.01.2020. 08:35 |        |                    |
| Name of analysis   | Method                 | Technique   | Measuring unit                    | Result | MDK <sup>+++</sup> |
| Vanadium   | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 1    | < 5                |
| Lead (Pb)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 2    | < 10               |
| Cadmium (Cd)   | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 0,2  | < 5                |
| Arsenic (As)   | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 0,5  | < 10               |
| Mercury (Hg)   | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 0,1  | < 1                |
| Chromium (Cr)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 1    | < 50               |
| Nickel (Ni)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 4    | < 20               |
| Manganese (Mn)   | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 1    | < 50               |
| Selenium   | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 1    | < 10               |
| Barium (Ba)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 5    | < 700              |
| Zinc (Zn)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | 55,2   | < 3000             |
| Iron (Fe)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 10   | 200                |
| Aluminum (Al)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 5    | < 200              |
| Antimony (Sb)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 2    | < 5                |
| Cobalt (Co)  | SOP-263-053            | AAS; ICP-MS | µg L <sup>-1</sup>                | < 1    |                    |
| Copper   | SOP-263-053            | AAS; ICP-MS | mg L <sup>-1</sup>                | < 0,01 | < 2                |
| Boron (B)  | SOP-262-053 Edition 01 | AAS; ICP-MS | mg L <sup>-1</sup>                | 0,02   | 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. 10:27 |                                  |        |
| 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 01194/19

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 0826.16.00 lot: A08754**  
Vrsta uzorka: cijevi, cjevovodi  
Vrijeme dostave: 20.12.2019. 11:11  
Analiza započeta: 20.12.2019. 11:11 Analiza završena: 03.02.2020. 10:27  
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 uzorci su PRESS-FITTING CODE 0826.16.00 lot: A08754 - datum proizvodnje 07.02.2019., koji su prema navodu proizvođača predstavnici serija: 812/826/962/963.

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<sup>III</sup> 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 0826.16.00 lot: A08754**

Vrijeme dostave uzorka u laboratorij: 20.12.2019. 11:11

## REZULTATI ISPITIVANJA

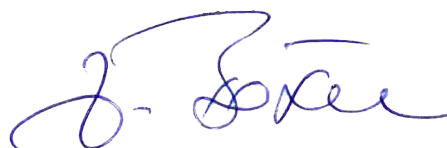
### Za analitički broj: 05401 01194/19

| Laboratorij za atomsku spektroskopiju i spektometriju masa |                        |                     |                                     |          |                    |
|--|------------------------|---------------------|-------------------------------------|----------|--------------------|
| Analiza započeta: 20.12.2019. 11:11                        |                        |                     | Analiza završena: 30.01.2020. 08:35 |          |                    |
| Naziv analize  | Metoda                 | Tehnika ispitivanja | Mjerna jedinica                     | Rezultat | MDK <sup>+++</sup> |
| Vanadij  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 1      | < 5                |
| Olovo (Pb)   | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 2      | < 10               |
| Kadmij (Cd)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 0,2    | < 5                |
| Arsen (As)   | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 0,5    | < 10               |
| Živa (Hg)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 0,1    | < 1                |
| Krom (Cr)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 1      | < 50               |
| Nikal (Ni)   | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 4      | < 20               |
| Mangan (Mn)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 1      | < 50               |
| Selen  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 1      | < 10               |
| Barij (Ba)   | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 5      | < 700              |
| Cink (Zn)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | 55,2     | < 3000             |
| Željezo (Fe)   | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 10     | 200                |
| Aluminij (Al)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 5      | < 200              |
| Antimon (Sb)   | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 2      | < 5                |
| Kobalt (Co)  | SOP-263-053            | AAS; ICP-MS         | µg L <sup>-1</sup>                  | < 1      |                    |
| Bakar (Cu)   | SOP-263-053            | AAS; ICP-MS         | mg L <sup>-1</sup>                  | < 0,01   | < 2                |
| Bor  | SOP-262-053 Izdanje 01 | AAS; ICP-MS         | mg L <sup>-1</sup>                  | 0,02     | 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. 10:27 |                               |        |
| 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.