



Centro de Biologia Experimental Oceanus Ltda

Laboratory of water analyses

REG.INEA:UN015590/55.11.30 CCL N°IN018913
CNPJ 28383198/0001-59 . INSC. MUN. 313818-6 Almirante Cochrane street, 37, Tijuca, CEP 20550-040
- Rio de Janeiro, RJ, Tel-Fax- (55 - 21) 2567-0819 / 2567-3871

CERTIFICATION OF MEASUREMENT FOR WATER'S QUALITY

Nº 68837

ESTABLISHMENT'S DATA

CORPORATE NAME: C & C TECHNOLOGIES DO BRASIL LTDA

NICKNAME: C & C TECHNOLOGIES

ADDRESS: AVENIDA DAS AMÉRICAS, 11889 – SALA 301

NEIGHBORHOOD: BARRA DA TIJUCA

CITY: RIO DE JANEIRO

DISTRICT: RJ/RJ

TELEPHONE: (21) 2499-9509

CEP: 22793-082

DATA SAMPLE

SHIP: RIG SUPPORTER

SAMPLE DATA

SAMPLE IDENTIFICATION: MINERAL WATER DISPENSER DONNA L.046 V. 03/22/14

COLLECTION RESPONSABLE NAME: THE APPLICANT

VOLUME: 500 mL

SAMPLING HOUR: NOT REPORTED

SAMPLING DATE: 05.29.13

ARRIVAL HOUR IN LABORATORY: 17:30

ARRIVAL DATE IN LABORATORY: 06.04.13

ANALYTICAL RESULTS OF THE SAMPLE

Microbiological Analysis

Parameters	Unit	Results ¹	MVA ²⁻³	QL
Coliform count	MPN /100mL	<1,1	Absence / 100 mL	1,1
<i>Escherichia coli</i>	MPN /100mL	< 1,1	Absence / 100 mL	1,1
Clostridios Sulfito Redutores	MPN /100 mL	< 1	Absence / 100 mL	1
<i>Pseudomonas aeruginosa</i>	CFU /100mL	< 1	Absence / 100 mL	1
<i>Enterococcus faecalis</i>	CFU /mL	< 1	Absence / 100 mL	1

ADOPTED METHODS

Microbiological Examination:

Coliform Count: SMEWW 9221 – Multiple-tube Fermentation Technique for Members of the Coliform group;

Escherichia coli: SMEWW 9221;

Clostridios: CETESB NT-L5.213;

Pseudomonas aeruginosa Membrana Filtrante: SMWW 9213 E;

Enterococcus faecalis: SMWW 9230.



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REFERENCES

- 1- Officers: RDC n° 275 ANVISA of Health Department. Standard for bottled water.
- 2- Analytical methodology: Standard Methods for Examination of Water and Wastewater 20th Edition – American Public Health Association – APHA.
- 3- Agriculture Department. National Secretariat of Farming Defense. Methods for Control of Products of Animal Origin and its ingredients. II Methods Physical and Chemical, 1981.

OBSERVATIONS

SUBTITLE:

- 1- Collected water referring results.
- 2- RDC 275 ANVISA/MS limits
- 3 - MVA: Maximum value allowed

QL: Quantification limit

CFU- Colony forming units

MPN – Most Probable Number / CFU- colony forming units

Note 1: These results restrict only the analyzed water.

Note 2: This report can only be reproduced if complete.

Note 3: It is the applicant's responsibility held collection.

Note 4: The sample data provided are the responsibility of the applicant.

ANALYSES FINDING

The analyzed water is in the limits established for RDC N.º 275 ANVISA

Rio de Janeiro, June 07th, 2013.

PhD Ronaldo Leão
Technical responsible
CRBio-02339/85