



# 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 69322

#### 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 FRESCA - 20L V. APRIL/16

**COLLECTION RESPONSABLE NAME:** THE APPLICANT

**VOLUME:** 1600 mL

**SAMPLING HOUR:** NOT REPORTED

**SAMPLING DATE:** 07.10.13

**ARRIVAL HOUR IN LABORATORY:** 17:30

**ARRIVAL DATE IN LABORATORY:** 07.11.13

#### ANALYTICAL RESULTS OF THE SAMPLE

##### Microbiological Analysis

Parameters	Unit	Results <sup>1</sup>	MVA <sup>2-3</sup>	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 B ;  
Escherichia coli: SMEWW 9221 F;  
Clostridios: CETESB NT-L5.213;  
*Pseudomonas aeruginosa* Membrana Filtrante: SMWW 9213 E;  
*Enterococcus faecalis*.: SMWW 9230 C.



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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, July 17<sup>th</sup>, 2013.

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**PhD Ronaldo Leão**  
Technical responsible  
CRBio-02339/85