



# Centro de Biologia Experimental Oceanus Ltda

## Laboratory of water analyses

REG.INEA:UN015590/55.11.10 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

N° 68551

ESTABLISHMENT INFORMATION	
<b>CORPORATE NAME:</b> C & C TECHNOLOGIES DO BRASIL LTDA	
<b>NICKNAME:</b> C & C TECHNOLOGIES	
<b>ADDRESS:</b> AV. DAS AMÉRICAS, 11889, SALA 301	
<b>NEIGHBORHOOD:</b> BARRA DA TIJUCA	<b>DISTRICT:</b> RJ/RJ
<b>CITY:</b> RIO DE JANEIRO	<b>CEP:</b> 22793-082
<b>TELEPHONE:</b> (21) 2499-9509	<b>CNPJ/CPF:</b> 04.813.778/0001-70

VESSEL INFORMATION
<b>SHIP:</b> MARUJO DE FERRO
<b>HARBOR:</b> SILA SHIRPTEC

SAMPLE INFORMATION	
<b>SAMPLE SOURCE:</b> TRATED WATER	
<b>SAMPLING POINT:</b> MAIN TANK	
<b>SAMPLE COLLECTOR:</b> DEBORA GABRIEL	<b>VOLUME:</b> 600 mL
<b>TIME OF COLLECTION:</b> 14:15	<b>DATE OF COLLECTION:</b> 05.06.13
<b>ARRIVAL TIME:</b> 15:30	<b>ARRIVAL DATE:</b> 05.06.13

ANALYTICAL RESULTS OF THE SAMPLE				
Physico-chemical Analysis				
Parameters	Unit	Results <sup>1</sup>	MVA <sup>2-3</sup>	QL
pH	-	6,1	6,0 – 9,5	-
Residual Chlorine(Cl <sub>2</sub> )	mg/L	1,5	0,2 – 5,0	0,01
Chloride	mg/L	23,0	250	0,1

ADOPTED METHODS
<b>Physical and Chemical Analyses:</b> pH: SMEWW 4500 H B – Eletrometric Method; Residual Chlorine: SMEWW 4500 G – Colorimetric Method; Chloride: SMEWW 4500 - Chloride;



# Centro de Biologia Experimental Oceanus Ltda

## Laboratory of water analyses

REG.INEA:UN015590/55.11.10 CCL NºIN018913  
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

### REFERENCES

- 1- Officers: MS n<sup>o</sup> 2914 ANVISA of Health Department of 12<sup>th</sup> December, 2011. Standard of water potability destined to the human consumption.
- 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- N<sup>o</sup> 2914 ANVISA/MS limits
- 3 - MVA: Maximum value allowed

QL: Quantification limit

Note 1: These results are only for analyzed water.

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

Note 3: The collection procedure follows the described procedures in POP COL – 001.

Note 4: The sample information were provided by the applicant.

### ANALYSES FINDING

**The analyzed water is in the limits established for MS N.<sup>o</sup> 2914 ANVISA**

Rio de Janeiro, May 09<sup>th</sup>, 2013.

---

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