



Laboratório de Ensaio acreditado
pela Cgcre/Inmetro de acordo com
a ABNT NBR ISO/IEC 17025.



Boletim de Ensaio

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Resp. Téc.: **Carina Casal**

Emitido em: **29.06.2010**

Lab-nº: **10/1448E**

Análise em amostras de solo

Cliente : Fundação Bio-Rio / Petrobras – UN-BS
Endereço : Av. Carlos Chagas Filho, nº 791
Cidade Universitária - Rio de Janeiro - RJ
Localização do Projeto : Bacia de Santos
Data da Coleta : 15, 16, 18, 19 e 20.04.2010
Entrega das amostras : 21.04.2010
Início dos ensaios/extração : 21.04.2010 11:51
Término dos ensaios : 29.06.2010

INNOLAB do Brasil Ltda.
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Saúde - Rio de Janeiro - RJ
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CNPJ. 04.183.043/0001-00
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Projeto : PAI-Projeto de Avaliação de Impactos da Bacia de Santos
Gerente do Projeto : Cristina Falcão

Parâmetro	BS500#1-R1 (0-2cm) (µg/kg)	BS500#1-R2 (0-2cm) (µg/kg)	BS500#1-R3 (0-2cm) (µg/kg)	BS500#2-R1 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5 – C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#2-R2(0-2cm) (µg/kg)	BS500#2-R3 (0-2cm) (µg/kg)	BS500#3-R1 (0-2cm) (µg/kg)	BS500#3-R2 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#3-R3 (0-2cm) (µg/kg)	BS500#4-R1 (0-2cm) (µg/kg)	BS500#4-R2 (0-2cm) (µg/kg)	BS500#4-R3 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1



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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#6-R2 (0-2cm) (µg/kg)	BS500#6-R3 (0-2cm) (µg/kg)	BS500#7-R1 (0-2cm) (µg/kg)	BS500#7-R2 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#7-R3 (0-2cm) (µg/kg)	BS500#8-R1 (0-2cm) (µg/kg)	BS500#8-R2 (0-2cm) (µg/kg)	BS500#8-R3 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#9-R1 (0-2cm) (µg/kg)	BS500#9-R2 (0-2cm) (µg/kg)	BS500#9-R3 (0-2cm) (µg/kg)	BS500#10-R1 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1



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Parâmetro	BS500#10-R2 (0-2cm) (µg/kg)	BS500#10-R3 (0-2cm) (µg/kg)	BS500#11-R1 (0-2cm) (µg/kg)	BS500#11-R2 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#11-R3 (0-2cm) (µg/kg)	BS500#12-R1 (0-2cm) (µg/kg)	BS500#12-R2 (0-2cm) (µg/kg)	BS500#12-R3 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#13-R1 (0-2cm) (µg/kg)	BS500#13-R2 (0-2cm) (µg/kg)	BS500#13-R3 (0-2cm) (µg/kg)	BS500#14-R1 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

Parâmetro	BS500#14-R2 (0-2cm) (µg/kg)	BS500#14-R3 (0-2cm) (µg/kg)	BS500#15-R1 (0-2cm) (µg/kg)	BS500#15-R2 (0-2cm) (µg/kg)	L.D. (µg/kg)
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n-Alcanos C5- C7

n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1



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Parâmetro	BS500#15-R3 (0-2cm) (µg/kg)	BS500#16-R1 (0-2cm) (µg/kg)	BS500#16-R2 (0-2cm) (µg/kg)	BS500#16-R3 (0-2cm) (µg/kg)	L.D. (µg/kg)
n-Alcanos C5- C7					
n-C5	nd	nd	nd	nd	1
n-C6	nd	nd	nd	nd	1
n-C7	nd	nd	nd	nd	1

FM-004-L3A – Rev.00 18/02/2009– Apr. FEV/09

Observações

1. Ref. Método – ISO 16703:2001
2. Foram utilizados Brancos de Controle conforme metodologia informada conferido


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