

## Sample N.º: 1338/2021

**Sample reception date:** 18-08-2021  
**Test(s) starting date:** 18-08-2021  
**Test(s) conclusion date:** 23-08-2021

## Câmara Municipal de Sesimbra - Divisão de Ambiente Urbano

Rua Manuel de Arriaga, Edifício do Mercado Municipal  
2975 - 329 Quinta do Conde  
Portugal

**Product:** Areia  
**Sampling responsibility:** Client  
**Client's reference:** Areia

**Specification:** ABAE - Relatório Fev/2011  
**Sampling point:** Moinho Baixo

### Sample identification:

Amostra 3

### Storage conditions:

Amostra acondicionada em saco estéril fechado, conservada em condições de refrigeração

Parameter <i>Test method / Analytical technique</i>	Result	Units	VMR	VMA
(1) <i>Contagem de Aspergillus fumigatus</i> Internal method / Membrane filtration	0	cfu/g	5	85
(1) <i>Contagem de Aspergillus niger</i> Internal method / Membrane filtration	0	cfu/g	5	85
(1) Contagem de Bactérias Coliformes Internal method / Membrane filtration	<b>41</b>	<b>cfu/g</b>	<b>5</b>	<b>100</b>
(1) <i>Contagem de Candida albicans</i> Internal method / Membrane filtration	0	cfu/g	3	60
(1) Contagem de Enterococos Intestinais Internal method / Membrane filtration	0	cfu/g	1	20
(1) <i>Contagem de Escherichia coli</i> ISO 9308-1:2014 / Membrane filtration	0	cfu/100ml	1	20
(1) Contagem de Estafilococos Coagulase Positiva Internal method / Membrane filtration	0	cfu/g	1	20
(1) <i>Contagem de Fusarium spp</i> Internal method / Membrane filtration	0	cfu/g	5	85

Issued on: 23-08-2021

Test report electronically signed

\*\*\* 13302 \*\*\* 1338/2021 \*\*\*

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Technical Manager

*Susana Vieira*

(Susana Vieira)

The presented results refer to the sample as received; The sample data were provided by the client and are not the responsibility of LMAEM; The expanded uncertainty is expressed by the combined standard-uncertainty multiplied by an expansion factor k equal to 2, that corresponds, for a normal distribution, to a confidence level approximately equal to 95%; The uncertainty was estimated according to ISO 29201 standard; The test marked with (1) is not included in the accreditation scope; The test marked with (2) is contracted and accredited; The test marked with (3) is contracted and non-accredited; Sampling is not included in the scope of accreditation; The results expressed in the form < x, are inferior than the limit of quantification (x); The test results refers exclusively to the tested sample; To prevent fraude and tampering, all pages of this report are signed and its content does not contain any words or handwritten corrections; This report may only be reproduced in full, unless there is express authorization by the LMAEM.

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### Comments / Observations

Os valores obtidos para Coliformes Totais, encontram-se acima do VMR mas abaixo do VMA. Os restantes parâmetros encontram-se dentro dos valores máximos recomendados

### Subtitle:

ISO - International Standard Organization; EN - European Standard; FP - Portuguese Pharmacopeia; NP - Portuguese Standard; P.LMAEM.x.xx - Internal procedure; cfu - colony forming units; EP - European Pharmacopoeia;  
VMR - Valor Máximo Recomendado. Valor adaptado ao indicado pela Associação Bandeira Azul Europa para areias balneares.  
VMA - Valor Máximo Admissível. Valor adaptado ao indicado pela Associação Bandeira Azul Europa para areias balneares.  
ABAE - Associação Bandeira Azul da Europa

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