

Sistema Nacional de Monitorização de Moluscos Bivalves

Resultados das Determinações de Fitoplâncton Nocivo

outubro 2017

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Nº Amostra	Data colheita	Data entrada	Data observação	Zona de produção	Principais grupos de espécies produtoras de toxinas marinhas (cel/L) em Portugal				
					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1636	02-10-17	02-10-17	03-10-17	LAL	105600	0	0	0	0
1637	02-10-17	03-10-17	04-10-17	L9	0	60	0	0	1640
1638	02-10-17	03-10-17	04-10-17	RIAV2	0	0	0	0	0
1639	02-10-17	03-10-17	04-10-17	VT1	0	0	0	0	0
1640	02-10-17	03-10-17	04-10-17	L3	20800	80	0	0	0
1641	02-10-17	03-10-17	04-10-17	RIAV1	3200	0	0	0	3280
1642	02-10-17	03-10-17	04-10-17	RIAV1	11200	80	0	0	0
1643	02-10-17	03-10-17	04-10-17	RIAV1	34440	200	80	0	4980
1644	02-10-17	03-10-17	04-10-17	RIAV3	0	0	0	0	0
1645	02-10-17	03-10-17	04-10-17	RIAV4	0	0	0	0	0
1646	02-10-17	03-10-17	04-10-17	FUZ1	0	200	0	0	3280
1647	02-10-17	03-10-17	04-10-17	OLH1	0	0	0	0	0
1648	02-10-17	03-10-17	04-10-17	OLH2	0	0	0	0	0
1649	02-10-17	03-10-17	04-10-17	OLH3	0	0	0	0	3320
1650	02-10-17	03-10-17	04-10-17	TAV2	0	80	0	80	0
1651	03-10-17	03-10-17	04-10-17	L5	0	20	0	0	0
1652	03-10-17	03-10-17	04-10-17	LOB	0	0	0	0	0
1653	03-10-17	04-10-17	06-10-17	L5	0	40	0	0	1640
1654	03-10-17	04-10-17	09-10-17	ETJ	11200	0	0	0	0
1655	03-10-17	04-10-17	09-10-17	L6	7200	0	0	0	0
1656	03-10-17	04-10-17	06-10-17	ESD1	6400	0	0	0	0
1657	03-10-17	04-10-17	06-10-17	ESD1	0	0	0	0	0
1658	03-10-17	04-10-17	26-10-17	L6	19200	100	0	0	3280
1659	03-10-17	04-10-17	09-10-17	ESD2	0	0	0	0	0
1660	04-10-17	04-10-17	09-10-17	L5	0	20	80	0	0
1661	03-10-17	04-10-17	06-10-17	L7c	0	240	0	0	3320
1662	04-10-17	04-10-17	06-10-17	L2	0	0	0	0	0

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					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1663	03-10-17	04-10-17	06-10-17	OLH5	4920	240	0	0	0
1664	03-10-17	04-10-17	06-10-17	L7b	0	260	0	40	3280
1665	03-10-17	04-10-17	06-10-17	LAG	6560	1360	0	0	6640
1666	03-10-17	04-10-17	09-10-17	POR3	0	0	0	0	0
1667	03-10-17	04-10-17	06-10-17	POR2	0	0	0	120	0
1668	03-10-17	04-10-17	06-10-17	L7a	5740	80	0	0	3320
1670	03-10-17	04-10-17	06-10-17	EMN2	163200	80	0	0	0
1671	03-10-17	04-10-17	06-10-17	EMN1	9600	40	0	0	0
1672	03-10-17	04-10-17	09-10-17	ELM	0	0	0	0	0
1673	03-10-17	04-10-17	06-10-17	L1	0	0	0	0	0
1674	02-10-17	04-10-17	09-10-17	L2	0	0	0	0	0
1675	02-10-17	04-10-17	06-10-17	L1	0	60	0	0	0
1676	09-10-17	09-10-17	10-10-17	LAL	6400	80	0	0	3280
1677	09-10-17	09-10-17	10-10-17	L5	0	40	0	0	68060
1678	09-10-17	09-10-17	10-10-17	ETJ	0	40	160	0	0
1679	09-10-17	10-10-17	11-10-17	L1	7200	0	0	0	0
1680	09-10-17	10-10-17	11-10-17	L2	0	0	0	0	0
1681	09-10-17	10-10-17	11-10-17	L1	0	0	0	0	0
1682	09-10-17	10-10-17	11-10-17	L2	0	0	0	0	0
1683	09-10-17	10-10-17	11-10-17	RIAV1	0	0	0	0	0
1684	09-10-17	10-10-17	11-10-17	RIAV1	0	0	0	0	0
1685	09-10-17	10-10-17	11-10-17	RIAV4	0	40	0	0	3320
1686	09-10-17	10-10-17	11-10-17	L3	0	80	0	0	6560
1687	09-10-17	10-10-17	11-10-17	RIAV3	0	0	0	0	0
1688	09-10-17	10-10-17	11-10-17	RIAV1	0	0	0	0	0
1689	09-10-17	10-10-17	11-10-17	RIAV2	0	0	0	0	0
1690	09-10-17	10-10-17	11-10-17	L9	0	0	0	0	0

Nº Amostra	Data colheita	Data entrada	Data observação	Zona de produção	Principais grupos de espécies produtoras de toxinas marinhas (cel/L) em Portugal				
					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1691	10-10-17	10-10-17	11-10-17	LOB	3200	0	0	0	16400
1692	10-10-17	10-10-17	12-10-17	L5	0	0	0	0	3320
1693	10-10-17	11-10-17	12-10-17	ESD1	3200	340	0	0	0
1694	10-10-17	11-10-17	12-10-17	L6	0	500	0	0	18040
1695	10-10-17	11-10-17	12-10-17	ESD2	0	0	0	0	0
1696	10-10-17	11-10-17	12-10-17	ESD1	0	0	0	0	0
1697	10-10-17	11-10-17	12-10-17	L6	0	600	160	0	6640
1698	10-10-17	11-10-17	12-10-17	L4	0	120	240	0	9840
1699	10-10-17	11-10-17	12-10-17	EMN1	0	0	0	0	0
1700	10-10-17	11-10-17	12-10-17	EMN2	0	80	0	0	0
1701	10-10-17	11-10-17	12-10-17	ELM	0	0	0	0	0
1702	10-10-17	11-10-17	12-10-17	L1	0	0	0	0	0
1703	10-10-17	11-10-17	12-10-17	ETJ	0	0	0	0	0
1704	10-10-17	11-10-17	12-10-17	OLH5	0	160	0	0	9840
1705	10-10-17	11-10-17	12-10-17	LAG	4800	0	0	40	0
1706	10-10-17	11-10-17	16-10-17	L7c	0	120	20	60	0
1707	10-10-17	11-10-17	12-10-17	POR3	0	0	0	0	0
1708	10-10-17	11-10-17	12-10-17	L7b	0	340	0	0	1640
1709	10-10-17	11-10-17	12-10-17	POR2	6400	0	0	0	0
1710	11-10-17	12-10-17	13-10-17	EMR	0	280	0	80	6560
1711	12-10-17	12-10-17	13-10-17	L3	0	80	0	20	3280
1712	11-10-17	12-10-17	13-10-17	FAR2	0	80	0	0	0
1713	11-10-17	12-10-17	13-10-17	L7a	0	60	0	0	0
1714	11-10-17	12-10-17	13-10-17	L7c	0	80	0	0	0
1715	12-10-17	13-10-17	16-10-17	OLH3	0	0	0	0	16600
1716	12-10-17	13-10-17	16-10-17	OLH2	0	0	0	40	0
1717	12-10-17	13-10-17	16-10-17	OLH1	0	0	0	0	3280

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					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1718	12-10-17	13-10-17	16-10-17	FUZ1	0	0	0	0	0
1719	12-10-17	13-10-17	16-10-17	TAV2	0	80	0	0	0
1720	12-10-17	13-10-17	16-10-17	VT1	0	0	0	0	0
1721	12-10-17	13-10-17	16-10-17	L8	2400	40	0	20	1640
1722	16-10-17	16-10-17	17-10-17	LAL	0	200	0	0	0
1723	16-10-17	16-10-17	17-10-17	L7a	0	0	0	0	0
1724	16-10-17	16-10-17	17-10-17	ETJ	0	0	0	0	16600
1725	16-10-17	17-10-17	18-10-17	RIAV1	6400	200	160	0	8200
1726	16-10-17	17-10-17	18-10-17	RIAV2	0	80	0	0	0
1727	16-10-17	17-10-17	18-10-17	RIAV3	0	0	0	0	0
1728	16-10-17	17-10-17	18-10-17	RIAV4	0	0	0	0	0
1729	16-10-17	17-10-17	18-10-17	RIAV1	8000	120	0	0	0
1730	16-10-17	17-10-17	18-10-17	RIAV1	0	0	0	0	0
1731	16-10-17	17-10-17	18-10-17	L3	0	0	0	0	3280
1732	17-10-17	17-10-17	18-10-17	L5	0	40	0	0	14940
1733	16-10-17	17-10-17	18-10-17	L9	1600	80	0	20	0
1734	16-10-17	17-10-17	18-10-17	TAV2	0	0	0	120	0
1735	16-10-17	17-10-17	18-10-17	OLH1	0	0	0	0	0
1736	16-10-17	17-10-17	18-10-17	VT1	0	0	0	0	0
1737	16-10-17	17-10-17	18-10-17	L8	10400	40	0	0	1640
1738	16-10-17	17-10-17	18-10-17	FUZ1	16400	0	0	40	9960
1739	17-10-17	18-10-17	19-10-17	L6	0	180	0	40	1640
1740	17-10-17	18-10-17	19-10-17	ESD1	0	200	0	20	0
1741	17-10-17	18-10-17	19-10-17	ESD1	0	0	0	0	0
1742	17-10-17	18-10-17	19-10-17	ESD2	0	0	0	0	0
1743	17-10-17	18-10-17	19-10-17	L6	0	660	40	20	8200
1744	17-10-17	18-10-17	19-10-17	LOB	0	0	0	0	0

Nº Amostra	Data colheita	Data entrada	Data observação	Zona de produção	Principais grupos de espécies produtoras de toxinas marinhas (cel/L) em Portugal				
					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1745	17-10-17	18-10-17	19-10-17	L5	0	300	0	0	26560
1746	17-10-17	18-10-17	20-10-17	L4	0	160	0	0	9840
1747	17-10-17	18-10-17	19-10-17	EMN1	4800	80	0	0	3280
1748	17-10-17	18-10-17	19-10-17	EMN2	6400	80	0	0	0
1749	16-10-17	18-10-17	19-10-17	OLH5	0	0	0	0	0
1750	17-10-17	18-10-17	19-10-17	POR2	11480	0	0	0	13280
1751	17-10-17	18-10-17	19-10-17	LAG	0	0	0	0	3280
1752	17-10-17	18-10-17	19-10-17	POR3	0	0	0	0	0
1754	17-10-17	18-10-17	19-10-17	L7a	1600	20	0	0	1640
1755	18-10-17	18-10-17	19-10-17	L7c	2400	40	0	0	1640
1756	17-10-17	19-10-17	20-10-17	ELM	0	0	0	0	0
1757	16-10-17	19-10-17	20-10-17	L2	0	0	0	0	4920
1759	18-10-17	19-10-17	20-10-17	L2	0	180	0	0	0
1760	16-10-17	19-10-17	20-10-17	L1	0	0	0	0	0
1761	17-10-17	19-10-17	20-10-17	L1	0	0	0	0	0
1762	18-10-17	19-10-17	20-10-17	OLH3	0	0	0	0	0
1763	18-10-17	19-10-17	20-10-17	FAR1	0	40	0	0	0
1764	18-10-17	19-10-17	20-10-17	OLH2	3200	0	0	0	0
1765	19-10-17	20-10-17	22-10-17	ETJ	0	340	0	0	0
1766	19-10-17	20-10-17	22-10-17	L5	0	40	0	0	0
1767	23-10-17	23-10-17	24-10-17	LAL	0	80	0	0	3280
1768	23-10-17	24-10-17	25-10-17	ETJ	0	300	0	0	0
1769	23-10-17	24-10-17	25-10-17	L5	0	160	0	0	4920
1770	23-10-17	24-10-17	26-10-17	L2	3200	800	240	0	4920
1771	23-10-17	24-10-17	25-10-17	L3	0	800	320	0	0
1772	23-10-17	24-10-17	25-10-17	RIAV4	0	0	0	0	0
1773	23-10-17	24-10-17	25-10-17	RIAV1	0	120	0	0	0

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					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1774	23-10-17	24-10-17	25-10-17	RIAV2	0	240	0	0	0
1775	23-10-17	24-10-17	25-10-17	RIAV3	0	0	0	0	0
1776	22-10-17	24-10-17	24-10-17	L1	0	740	160	0	0
1777	23-10-17	24-10-17	25-10-17	L1	0	0	40	0	1660
1778	23-10-17	24-10-17	24-10-17	L2	0	0	0	0	0
1779	23-10-17	24-10-17	25-10-17	OLH5	19200	0	0	0	0
1780	23-10-17	24-10-17	25-10-17	TAV2	0	0	0	80	9840
1781	23-10-17	24-10-17	25-10-17	VT1	0	40	0	0	0
1782	23-10-17	24-10-17	24-10-17	L9	0	0	40	0	0
1783	24-10-17	24-10-17	25-10-17	L5	0	120	0	0	23240
1784	24-10-17	24-10-17	25-10-17	LOB	0	0	0	0	6560
1785	24-10-17	25-10-17	26-10-17	L6	0	80	0	0	6560
1786	24-10-17	25-10-17	26-10-17	L6	0	240	0	0	0
1787	24-10-17	25-10-17	26-10-17	ESD1	0	40	0	0	1640
1788	24-10-17	25-10-17	26-10-17	ESD1	0	0	0	0	0
1789	24-10-17	25-10-17	26-10-17	ESD2	0	0	0	0	0
1790	24-10-17	25-10-17	26-10-17	ELM	0	0	0	0	0
1791	24-10-17	25-10-17	26-10-17	L1	0	60	0	0	0
1792	24-10-17	25-10-17	26-10-17	EMN2	0	0	0	0	0
1793	24-10-17	25-10-17	26-10-17	L4	0	0	0	0	0
1794	24-10-17	25-10-17	26-10-17	EMN1	0	0	0	0	0
1795	24-10-17	25-10-17	26-10-17	RIAV1	0	40	0	0	3320
1796	24-10-17	25-10-17	26-10-17	RIAV1	0	120	0	0	9960
1797	24-10-17	25-10-17	26-10-17	L7a	0	0	0	0	0
1799	24-10-17	25-10-17	26-10-17	LAG	0	0	0	0	0
1800	24-10-17	25-10-17	26-10-17	POR2	4800	0	0	0	0
1801	24-10-17	25-10-17	26-10-17	POR3	0	0	0	0	3280

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					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1802	25-10-17	26-10-17	27-10-17	EMR	0	0	0	0	0
1803	26-10-17	27-10-17	30-10-17	FAR1	0	0	0	0	0
1804	26-10-17	27-10-17	30-10-17	L8	4840	0	0	0	0
1805	26-10-17	27-10-17	30-10-17	OLH1	3200	0	0	0	0
1806	26-10-17	27-10-17	30-10-17	OLH2	0	0	0	0	0
1807	26-10-17	27-10-17	30-10-17	OLH3	0	0	0	0	0
1808	26-10-17	27-10-17	30-10-17	FUZ1	0	0	0	0	0
1809	26-10-17	27-10-17	30-10-17	L7c	23200	0	0	0	0
1810	30-10-17	30-10-17	31-10-17	LAL	16000	0	0	0	0
1811	30-10-17	31-10-17	01-11-17	L6	0	0	0	0	0
1812	30-10-17	31-10-17	01-11-17	ESD1	0	0	0	0	0
1813	30-10-17	31-10-17	01-11-17	L6	0	40	0	0	0
1814	30-10-17	31-10-17	02-11-17	ESD1	0	0	0	0	6560
1815	30-10-17	31-10-17	01-11-17	L2	6400	220	580	0	4920
1816	30-10-17	31-10-17	02-11-17	L2	0	0	0	0	1660
1817	30-10-17	31-10-17	02-11-17	L1	0	0	0	0	0
1818	30-10-17	31-10-17	02-11-17	ELM	3200	0	0	0	0
1819	30-10-17	31-10-17	01-11-17	RIAV1	0	0	0	0	0
1820	30-10-17	31-10-17	02-11-17	RIAV1	0	0	0	0	0
1821	30-10-17	31-10-17	02-11-17	RIAV1	0	0	0	0	0
1822	30-10-17	31-10-17	02-11-17	RIAV2	0	0	0	0	6560
1823	30-10-17	31-10-17	01-11-17	RIAV3	4800	0	0	0	0
1824	30-10-17	31-10-17	03-11-17	RIAV4	0	80	0	0	0
1825	30-10-17	31-10-17	01-11-17	L3	0	80	0	0	0
1826	30-10-17	31-10-17	02-11-17	EMN1	0	80	0	0	9840
1827	30-10-17	31-10-17	02-11-17	EMN2	26560	40	0	0	3320
1828	30-10-17	31-10-17	02-11-17	OLH2	3200	0	0	40	6560

Nº Amostra	Data colheita	Data entrada	Data observação	Zona de produção	Principais grupos de espécies produtoras de toxinas marinhas (cel/L) em Portugal				
					Causadoras de ASP (e.g. <i>Pseudo-nitzschia</i>)	Causadoras de DSP (e.g. <i>Dinophysis</i>)	Causadoras de PSP (e.g. <i>Gymnodinium catenatum</i>)	Produtoras de Yessotoxinas (e.g. <i>Gonyaulax spinifera</i>)	Produtores de Azaspirácidos (e.g. <i>Azadinium</i>)
1829	30-10-17	31-10-17	02-11-17	OLH1	0	0	0	0	3280
1830	30-10-17	31-10-17	02-11-17	OLH3	0	0	0	0	0
1831	30-10-17	31-10-17	01-11-17	TAV2	0	160	0	0	3280
1832	30-10-17	31-10-17	02-11-17	VT1	0	0	0	0	0
1833	30-10-17	31-10-17	03-11-17	FUZ1	0	0	0	0	0
1834	30-10-17	31-10-17	02-11-17	L9	0	20	0	0	0
1835	31-10-17	31-10-17	02-11-17	LOB	0	0	0	0	3280
1836	31-10-17	31-10-17	01-11-17	L5	0	0	0	0	0
1838	31-10-17	02-11-17	03-11-17	POR2	22400	0	0	0	0
1839	31-10-17	02-11-17	03-11-17	POR3	3200	0	0	0	0
1840	31-10-17	02-11-17	03-11-17	L7a	0	0	0	0	0
1842	31-10-17	02-11-17	03-11-17	LAG	35200	120	0	0	3280
1843	30-10-17	02-11-17	03-11-17	FAR2	3200	0	0	0	0
1844	31-10-17	02-11-17	03-11-17	OLH5	0	0	0	0	0