

Sistema Nacional de Monitorização de Moluscos Bivalves

Resultados das Determinações de Fitoplâncton Nocivo

novembro 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>)
1837	02-11-17	02-11-17	03-11-17	L5b	0	140	0	0	8300
1845	02-11-17	02-11-17	03-11-17	L5b	0	40	0	0	0
1846	02-11-17	02-11-17	04-11-17	ETJ	1600	80	0	0	0
1847	02-11-17	03-11-17	04-11-17	L8	0	0	0	20	0
1848	02-11-17	03-11-17	04-11-17	L7c	0	0	0	20	0
1849	06-11-17	06-11-17	07-11-17	LAL	30400	1160	0	0	180400
1850	06-11-17	06-11-17	07-11-17	L5b	0	60	0	0	4920
1851	06-11-17	06-11-17	07-11-17	ETJ	0	40	0	0	0
1852	06-11-17	07-11-17	08-11-17	RIAV1	0	160	0	0	3280
1853	06-11-17	07-11-17	08-11-17	RIAV2	0	0	0	0	0
1854	06-11-17	07-11-17	08-11-17	RIAV3	0	80	0	0	0
1855	06-11-17	07-11-17	08-11-17	RIAV4	0	0	0	0	0
1856	06-11-17	07-11-17	08-11-17	RIAV1	0	160	0	0	0
1857	06-11-17	07-11-17	08-11-17	RIAV1	0	40	0	0	0
1858	06-11-17	07-11-17	08-11-17	L3	0	120	0	0	0
1859	06-11-17	07-11-17	08-11-17	FUZ1	24000	0	0	0	0
1860	06-11-17	07-11-17	08-11-17	TAV2	0	0	0	0	3280
1861	06-11-17	07-11-17	08-11-17	L9	0	40	0	0	3280
1862	06-11-17	07-11-17	08-11-17	OLH1	11480	320	0	0	0
1863	06-11-17	07-11-17	08-11-17	VT1	0	0	0	0	0
1864	07-11-17	07-11-17	08-11-17	LOB	0	0	0	0	0
1865	07-11-17	07-11-17	08-11-17	L5a	0	40	40	0	0
1866	07-11-17	08-11-17	10-11-17	ESD1	0	0	0	0	0
1867	07-11-17	08-11-17	09-11-17	L6	0	20	0	0	0
1868	07-11-17	08-11-17	10-11-17	ESD2	0	0	0	0	0
1869	07-11-17	08-11-17	09-11-17	ESD1	0	0	0	0	0
1870	07-11-17	08-11-17	09-11-17	L6	0	20	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>)
1871	07-11-17	08-11-17	09-11-17	L1	0	0	0	0	0
1872	07-11-17	08-11-17	09-11-17	ELM	0	20	0	0	6560
1873	07-11-17	08-11-17	09-11-17	L2	0	20	0	0	0
1874	06-11-17	08-11-17	09-11-17	L2	0	0	0	0	0
1875	06-11-17	08-11-17	09-11-17	L1	0	40	0	0	0
1876	07-11-17	08-11-17	09-11-17	ETJ	0	0	0	0	0
1877	07-11-17	08-11-17	09-11-17	L7b	0	0	0	0	0
1878	07-11-17	08-11-17	13-11-17	L7c	0	40	0	0	0
1879	07-11-17	08-11-17	09-11-17	LAG	0	0	0	0	0
1880	07-11-17	08-11-17	09-11-17	POR2	19200	0	0	0	9840
1881	07-11-17	08-11-17	09-11-17	FAR2	0	0	0	0	0
1882	07-11-17	08-11-17	09-11-17	L4	0	140	0	0	0
1883	07-11-17	08-11-17	09-11-17	EMN2	9840	120	0	0	0
1884	07-11-17	08-11-17	09-11-17	EMN1	0	160	0	0	6640
1885	08-11-17	09-11-17	10-11-17	L8	0	40	0	0	1640
1886	09-11-17	10-11-17	13-11-17	EMR	0	0	0	0	0
1887	09-11-17	10-11-17	13-11-17	L7a	0	0	0	0	1640
1888	08-11-17	10-11-17	13-11-17	FAR1	6400	0	0	0	0
1889	09-11-17	10-11-17	13-11-17	OLH5	6560	0	0	0	16600
1890	08-11-17	10-11-17	13-11-17	OLH3	0	0	0	0	0
1891	08-11-17	10-11-17	13-11-17	OLH2	6560	0	0	0	0
1892	13-11-17	13-11-17	14-11-17	LAL	0	120	0	80	0
1893	13-11-17	13-11-17	14-11-17	ETJ	3200	100	0	0	1640
1894	13-11-17	13-11-17	14-11-17	L5b	0	100	0	20	0
1896	13-11-17	14-11-17	15-11-17	OLH2	6400	0	0	0	0
1897	13-11-17	14-11-17	15-11-17	OLH1	0	0	0	0	0
1898	13-11-17	14-11-17	15-11-17	FUZ1	0	40	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>)
1899	13-11-17	14-11-17	15-11-17	TAV2	12800	0	0	0	0
1900	13-11-17	14-11-17	15-11-17	VT1	0	0	0	0	0
1901	13-11-17	14-11-17	15-11-17	L9	0	0	0	0	4920
1902	13-11-17	14-11-17	15-11-17	RIAV1	0	0	0	0	0
1903	13-11-17	14-11-17	15-11-17	RIAV2	19200	0	0	0	0
1904	13-11-17	14-11-17	15-11-17	RIAV3	0	0	0	0	0
1905	13-11-17	14-11-17	15-11-17	RIAV4	0	0	0	0	0
1906	13-11-17	14-11-17	15-11-17	L1	0	0	0	0	0
1907	13-11-17	14-11-17	15-11-17	RIAV1	0	0	0	0	0
1908	13-11-17	14-11-17	15-11-17	L3	0	0	0	0	3280
1909	14-11-17	14-11-17	15-11-17	LOB	0	0	0	0	0
1910	14-11-17	14-11-17	16-11-17	L5a	0	20	0	0	0
1911	14-11-17	15-11-17	16-11-17	L6	0	0	0	0	1640
1912	14-11-17	15-11-17	16-11-17	ESD1	0	0	0	0	0
1913	14-11-17	15-11-17	16-11-17	L6	0	0	0	0	4920
1914	14-11-17	15-11-17	16-11-17	ESD1	0	0	0	0	0
1915	14-11-17	15-11-17	16-11-17	ELM	0	0	0	0	0
1916	14-11-17	15-11-17	16-11-17	L1	0	0	0	0	0
1917	13-11-17	15-11-17	16-11-17	L2	0	40	0	0	0
1918	13-11-17	15-11-17	17-11-17	L1	0	0	0	0	0
1919	13-11-17	15-11-17	15-11-17	L2	0	0	0	0	0
1920	14-11-17	15-11-17	16-11-17	POR3	0	0	0	0	0
1921	14-11-17	15-11-17	16-11-17	POR2	24000	40	0	0	0
1922	14-11-17	15-11-17	16-11-17	L7a	0	0	0	0	8300
1924	14-11-17	15-11-17	17-11-17	L7b	1600	0	0	0	0
1925	14-11-17	15-11-17	16-11-17	FAR2	0	0	0	0	0
1926	14-11-17	15-11-17	16-11-17	EMN1	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>)
1927	14-11-17	15-11-17	16-11-17	EMN2	25600	0	0	0	0
1928	14-11-17	15-11-17	16-11-17	LAG	16000	0	0	120	3280
1929	15-11-17	16-11-17	17-11-17	L8	4800	20	0	0	1640
1930	15-11-17	16-11-17	17-11-17	FAR1	0	0	0	0	0
1931	15-11-17	16-11-17	17-11-17	OLH3	0	0	0	0	0
1932	17-11-17	17-11-17	20-11-17	L5b	8000	20	0	40	3280
1933	16-11-17	17-11-17	20-11-17	L7c	20000	0	0	0	0
1934	20-11-17	20-11-17	21-11-17	LAL	0	200	0	0	0
1935	20-11-17	20-11-17	21-11-17	ETJ	0	0	0	0	0
1936	20-11-17	21-11-17	22-11-17	L2	0	20	0	0	4980
1937	20-11-17	21-11-17	22-11-17	L2	0	20	0	0	1640
1938	20-11-17	21-11-17	22-11-17	L1	21600	480	0	0	13120
1939	20-11-17	21-11-17	22-11-17	L1	1600	300	0	0	39360
1940	20-11-17	21-11-17	22-11-17	L9	17600	0	0	0	1640
1941	20-11-17	21-11-17	22-11-17	FUZ1	0	80	0	40	0
1942	20-11-17	21-11-17	22-11-17	OLH1	0	0	0	0	0
1943	20-11-17	21-11-17	22-11-17	VT1	0	0	0	0	0
1944	20-11-17	21-11-17	22-11-17	L3	3200	0	0	0	6560
1945	20-11-17	21-11-17	22-11-17	RIAV1	0	120	0	0	16400
1946	20-11-17	21-11-17	22-11-17	RIAV1	0	0	0	0	0
1947	20-11-17	21-11-17	22-11-17	TAV2	17600	280	0	40	9840
1948	20-11-17	21-11-17	22-11-17	L5a	8800	0	0	0	4920
1949	21-11-17	21-11-17	22-11-17	LOB	0	0	0	0	3280
1950	21-11-17	21-11-17	22-11-17	L5a	3200	60	0	0	0
1951	21-11-17	22-11-17	23-11-17	L6	0	0	0	0	1640
1952	21-11-17	22-11-17	23-11-17	ESD1	0	0	0	0	4980
1953	21-11-17	22-11-17	23-11-17	L6	0	0	0	0	11480

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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>)
1954	21-11-17	22-11-17	23-11-17	ESD1	0	0	0	0	0
1955	21-11-17	22-11-17	23-11-17	ESD2	0	0	0	0	0
1956	21-11-17	22-11-17	23-11-17	ELM	0	0	0	0	0
1957	21-11-17	22-11-17	23-11-17	L1	0	0	0	0	0
1958	21-11-17	22-11-17	23-11-17	RIAV1	0	0	0	0	4920
1959	21-11-17	22-11-17	23-11-17	RIAV2	0	0	0	0	0
1960	21-11-17	22-11-17	23-11-17	RIAV3	0	0	0	0	9840
1961	21-11-17	22-11-17	23-11-17	RIAV4	0	20	0	0	0
1962	21-11-17	22-11-17	23-11-17	L3	0	120	20	0	6560
1963	21-11-17	22-11-17	23-11-17	L4	0	80	0	0	1640
1964	21-11-17	22-11-17	23-11-17	EMN1	3200	0	0	0	0
1965	21-11-17	22-11-17	23-11-17	EMN2	0	0	0	0	6560
1966	22-11-17	22-11-17	23-11-17	L5b	7200	0	0	0	8200
1967	22-11-17	22-11-17	23-11-17	ETJ	0	0	0	0	1640
1968	22-11-17	23-11-17	27-11-17	L7c	0	20	0	0	0
1969	21-11-17	23-11-17	24-11-17	OLH2	24000	40	0	0	0
1970	21-11-17	23-11-17	24-11-17	L8	4000	0	0	0	0
1971	22-11-17	23-11-17	24-11-17	POR2	8000	0	0	0	3280
1972	21-11-17	23-11-17	24-11-17	OLH3	0	0	0	0	3320
1973	21-11-17	23-11-17	24-11-17	FAR1	3200	0	0	0	0
1974	22-11-17	23-11-17	24-11-17	LAG	22960	0	0	0	9960
1975	22-11-17	23-11-17	24-11-17	L7a	11200	0	0	20	0
1976	20-11-17	23-11-17	24-11-17	OLH5	6400	0	0	0	0
1977	22-11-17	23-11-17	24-11-17	POR3	6400	0	0	0	0
1978	23-11-17	24-11-17	27-11-17	EMR	9600	160	0	0	6560
1979	27-11-17	27-11-17	28-11-17	LAL	12800	0	0	0	0
1980	27-11-17	28-11-17	29-11-17	RIAV1	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>)
1981	27-11-17	28-11-17	29-11-17	RIAV1	0	0	0	0	0
1982	27-11-17	27-11-17	29-11-17	EMN1	0	0	0	0	0
1983	27-11-17	27-11-17	29-11-17	EMN2	0	0	0	0	6560
1984	28-11-17	28-11-17	29-11-17	L5a	0	0	0	0	1640
1985	28-11-17	28-11-17	29-11-17	LOB	0	0	0	0	9840
1986	27-11-17	27-11-17	29-11-17	L9	18040	20	0	0	1660
1987	28-11-17	29-11-17	04-12-17	L6	0	0	0	0	1640
1988	28-11-17	29-11-17	30-11-17	ESD1	0	0	0	0	0
1989	28-11-17	29-11-17	30-11-17	L6	0	0	0	0	13120
1990	28-11-17	29-11-17	30-11-17	RIAV3	0	0	0	0	0
1991	28-11-17	29-11-17	30-11-17	RIAV4	0	0	0	0	0
1992	27-11-17	29-11-17	30-11-17	L2	0	0	0	0	0
1993	28-11-17	29-11-17	30-11-17	L1	0	0	0	0	0
1994	28-11-17	29-11-17	30-11-17	L3	0	80	0	0	0
1995	28-11-17	29-11-17	30-11-17	RIAV2	0	0	0	0	3280
1996	28-11-17	29-11-17	30-11-17	RIAV1	0	0	0	0	0
1998	28-11-17	29-11-17	30-11-17	ELM	11200	40	0	0	26240
1999	27-11-17	29-11-17	30-11-17	L1	0	0	0	0	1640
2000	28-11-17	29-11-17	30-11-17	FAR2	0	0	0	0	0
2001	28-11-17	29-11-17	04-12-17	POR3	3280	0	0	0	0
2002	28-11-17	29-11-17	30-11-17	L7a	0	0	0	0	0
2003	28-11-17	29-11-17	30-11-17	POR2	0	0	0	0	3280
2004	28-11-17	29-11-17	30-11-17	LAG	0	0	0	0	16400
2005	28-11-17	29-11-17	04-12-17	L7c	1600	100	0	0	3280
2006	28-11-17	29-11-17	30-11-17	L7b	0	0	0	0	0
2007	29-11-17	29-11-17	30-11-17	ETJ	0	0	0	0	0
2008	29-11-17	29-11-17	30-11-17	L5b	0	0	0	0	3320

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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>)
2009	29-11-17	30-11-17	04-12-17	VT1	0	0	0	0	0
2010	29-11-17	30-11-17	04-12-17	GUA	3200	0	0	0	0
2011	29-11-17	30-11-17	04-12-17	VT1	0	0	0	0	0
2012	29-11-17	30-11-17	04-12-17	OLH5	0	0	0	0	0
2013	29-11-17	30-11-17	04-12-17	OLH2	3280	0	0	0	0
2014	29-11-17	30-11-17	04-12-17	OLH3	0	0	0	0	0
2015	29-11-17	30-11-17	04-12-17	TAV2	6400	0	0	0	0
2016	29-11-17	30-11-17	04-12-17	FAR1	0	0	0	0	0
2017	29-11-17	30-11-17	04-12-17	FUZ1	0	0	0	0	0
2018	30-11-17	30-11-17	04-12-17	L5b	0	0	0	0	6560