

JERSEY Results of Algal Biotoxin Examinations of Shellfish Hygiene Samples

CEFAS MFS biotoxin ref number	Species	Date Sampled	Date Received	PSP Screen by HPLC	PSP HPLC Result (µg STX eq/kg) High value calculated from MU	LT Analysis- Total OA/DTXs/PTXs (µg OA eq/kg) - HIGH value result	LT Analysis- Total AZAs (µg AZA1 eq/kg) - HIGH value result	LT Analysis- Total YTXs (mg YTX eq/kg) - HIGH value result	ASP (mg /kg)
BTX/2016/0107	Mussels	11/01/2016	13/01/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/0279	Mussels	08/02/2016	10/02/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/0543	Mussels	08/03/2016	09/03/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/0884	Mussels	05/04/2016	06/04/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/1507	Mussels	23/05/2016	24/05/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/1694	Mussels	06/06/2016	07/06/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/2102	Mussels	04/07/2016	05/07/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/2558	Mussels	02/08/2016	03/08/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/3122	Mussels	13/09/2016	14/09/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/3604	Mussels	17/10/2016	18/10/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/3811	Mussels	01/11/2016	02/11/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/3989	Mussels	15/11/2016	16/11/2016	ND		<RL	<RL	<RL	<LOQ
BTX/2016/4339	Mussels	13/12/2016	14/12/2016	ND		<RL	<RL	<RL	<LOQ

Key - The action (closure) levels for toxins in shellfish flesh are as follows:

**ASP** >20mg Domoic/epi-Domoic acid per kg shellfish flesh. **PSP** >800µg STX eq. per kg shellfish flesh. **Lipophilic toxins (DSP)** by MBA - Positive **OA/DTXs/PTXs together** >160µg OA eq. per kg shellfish flesh. **AZAs** >160µg AZA eq. per kg shellfish flesh. **YTXs** >1mg YTX eq. per kg shellfish flesh

Toxin concentrations ≥ action level

Toxin detected/clinical signs observed below action level

Insufficient/Unsuitable sample

**RL** = Reporting Limit [either the LOQ of the method for the toxin/species combination

or the concentration of the lowest calibration standard depending on which one is the highest.]

**PS** = Positive **ND** = Not Detected **NG** = Negative **LOD** = Limit of Detection **LOQ** = Limit of quantitation **MU** = measurement uncertainty

Comment