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/2017/67	Mussels	10/01/2017	11/01/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/327	Mussels	27/02/2017	28/02/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/509	Mussels	14/03/2017	15/03/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/891	Mussels	25/04/2017	26/04/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/1154	Mussels	23/05/2017	24/05/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/1289	Mussels	06/06/2017	07/06/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/1773	Mussels	24/07/2017	25/07/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/2071	Mussels	21/08/2017	22/08/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/2427	Mussels	19/09/2017	21/09/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/2681	Mussels	17/10/2017	18/10/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/2834	Mussels	06/11/2017	07/11/2017	ND		<RL	<RL	<RL	<LOQ
BTX/2017/3043	Mussels	04/12/2017	05/12/2017	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