

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/2020/0039	Mussels	13/01/2020	14/01/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/0209	Mussels	10/02/2020	12/02/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/0356	Mussels	09/03/2020	10/03/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/0620	Mussels	20/04/2020	22/04/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/0806	Mussels	18/05/2020	19/05/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/0963	Mussels	02/06/2020	03/06/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/1465	Mussels	20/07/2020	21/07/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/1624	Mussels	03/08/2020	04/08/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/2110	Mussels	14/09/2020	15/09/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/2386	Mussels	06/10/2020	07/10/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/2758	Mussels	16/11/2020	18/11/2020	ND		<RL	<RL	<RL	<LOQ
BTX/2020/2957	Mussels	14/12/2020	15/12/2020	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 [REDACTED]

Toxin detected/clinical signs observed below action level [REDACTED]

Insufficient/Unsuitable sample [REDACTED]

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