

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/2018/137 | Mussels | 30/01/2018 | 31/01/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/286 | Mussels | 27/02/2018 | 01/03/2018 | ND | | <RL | <RL | <RL | 2.4 |
| BTX/2018/385 | Mussels | 19/03/2018 | 20/03/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/561 | Mussels | 16/04/2018 | 17/04/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/813 | Mussels | 15/05/2018 | 16/05/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/1101 | Mussels | 12/06/2018 | 13/06/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/1413 | Mussels | 10/07/2018 | 11/07/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/1776 | Mussels | 13/08/2018 | 14/08/2018 | ND | | 29 | <RL | <RL | <LOQ |
| BTX/2018/2191 | Mussels | 18/09/2018 | 20/09/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/2357 | Mussels | 08/10/2018 | 09/10/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/2636 | Mussels | 06/11/2018 | 07/11/2018 | ND | | <RL | <RL | <RL | <LOQ |
| BTX/2018/2863 | Mussels | 04/12/2018 | 05/12/2018 | ND | | <RL | <RL | <RL | <LOQ |
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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

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