

**Wild caught Sea Urchin residue testing annual datasets**

**2022-23**

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry **Dataset abbreviations**

**LOR** Limit of reporting.

**MRL** Maximum Residue Limit.

**no limit** No Australian standard applicable for the contaminant. The ‘as low as reasonably achievable’ principle applies.

Detections at low levels are allowable.

**not defined** Standards are not defined in inedible matrixes (urine, retina and faeces).

**not set** No Australian standard has been set for the chemical in the edible matrix and any detection is a contravention of the

Australia New Zealand Food Standards Code.

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**Table 1: METALS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Matrix** | **LOR (mg/kg)** | **MRL (mg/kg)** | **Number of  samples tested** | **> LOR to  ≤ 1/2MRL** | **>1/2MRL to  ≤MRL** | **>MRL** |
| antimony | Flesh | 0.01 | no limit | 10 | 0 | 0 | 0 |
| arsenic (inorganic) | Flesh | 0.05 | 1 | 10 | 2 | 0 | 0 |
| arsenic (total) | Flesh | 0.05 | no limit | 10 | 10 | 0 | 0 |
| cadmium | Flesh | 0.01 | 2 | 10 | 10 | 0 | 0 |
| chromium | Flesh | 0.05 | no limit | 10 | 10 | 0 | 0 |
| lead | Flesh | 0.01 | 2 | 10 | 8 | 0 | 0 |
| mercury (total) | Flesh | 0.01 | 1.5 | 10 | 5 | 0 | 0 |

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