



Australian Government  
Department of Industry, Science,  
Energy and Resources

National  
Measurement  
Institute

# Matrix Reference Material Catalogue

NMI reference materials available globally through our international partners



**Cerilliant**<sup>®</sup>  
Analytical Reference Standards

**MERCK**



<b>Australian Certified Reference Materials</b>				
Description	Identifier	Packaging	Australian price	International Price
Ethanol in Water Ethanol 0.61, 1.23 and 4.9 g/kg (corresponding to calibrators to breath alcohol concentrations of 0.005, 0.01 and 0.4 g/210 L of expired air)	#	500 g Bottle	80	#
<b>Matrix Certified Reference Materials</b>				
Description	Identifier	Packaging	Australian price	International Price
Trace Elements in Nutritional Supplement Cr 14.3 ± 0.8 mg/kg	MX008	25 g Bottle	462	647
Trace Elements in Freeze-Dried Prawn (dry mass basis) As 4.06 ± 0.15 mg/kg Co 0.0932 ± 0.0068 mg/kg Cr 1.06 ± 0.18 mg/kg Cu 17.1 ± 1.2 mg/kg Fe 116 ± 10 mg/kg Hg 0.1483 ± 0.0051 mg/kg Mn 5.55 ± 0.33 mg/kg Ni 0.515 ± 0.070 mg/kg Se 2.78 ± 0.11 mg/kg V 0.281 ± 0.025 mg/kg Zn 74.0 ± 4.8 mg/kg	MX009	10 g Bottle	264	370
Nitrofurans Marker Residues in Freeze-Dried Prawn 3-amino-2-oxazolidinone 137.5 ± 8.5 ng/g	MX012A	1.2 g Bottle	275	385
Nitrofurans Marker Residues in Freeze-Dried Prawn 3-amino-2-oxazolidinone 30.2 ± 1.8 ng/g semicarbazide 70.3 ± 3.1 µg/g	MX012B	1.2 g Bottle	275	385
Folic acid in Wheat Flour folic acid 2.28 ± 0.13 mg/kg	MX013	20 g Jar	220	308
Trace Elements in Sea Water As 2.96 ± 0.26 µg/kg Cd 1.318 ± 0.034 µg/kg Co 2.864 ± 0.068 µg/kg Cr 2.613 ± 0.075 µg/kg Cu 2.90 ± 0.25 µg/kg Fe 21.70 ± 0.32 µg/kg Hg 0.433 ± 0.010 µg/kg Mn 1.48 ± 0.16 µg/kg Ni 3.66 ± 0.10 µg/kg Pb 2.467 ± 0.065 µg/kg Se 3.06 ± 0.26 µg/kg V 4.76 ± 0.12 µg/kg	MX014	120 mL Bottle	264	370
Hydrocarbon-Contaminated Soil Equivalent Carbon Number >C <sub>10</sub> – C <sub>16</sub> 0.90 ± 0.15 g/kg Equivalent Carbon Number >C <sub>16</sub> – C <sub>34</sub> 7.2 ± 1.1 g/kg Equivalent Carbon Number >C <sub>34</sub> – C <sub>40</sub> 1.1 ± 0.2 g/kg Total Recoverable Hydrocarbons >C <sub>16</sub> – C <sub>40</sub> 9.2 ± 1.4 g/kg	MX015	Jar 50 g	195	300

