



**Appendix I**  
**NASM & CFIA Fertilizer Act & Regulations:**  
**Ontario**



**A. Maximum Concentrations for Trace Metals - Ontario †**

Trace Elements	Test Results	NASM3 CM1	NASM3 CM2 Restricted Use	CFIA‡	
				Max acceptable cumulative metal addition to soil over 45 yrs (kg/ha)	
				(ug/g)	mg/Kg DW
Arsenic (As)		13	170	15	0.00000
Cadmium (Cd)		3	34	4	0.00000
Chromium (Cr)		210	2800	210	0.00000
Cobalt (Co)		34	340	30	0.00000
Copper (Cu)		100	1700	150	0.00000
Lead (Pb)		150	1100	100	0.00000
Mercury (Hg)		0.8	11	1	0.00000
Molybdenum (Mo)		5	94	4	0.00000
Nickel (Ni)		62	420	36	0.00000
Selenium (Se)		2	34	2.8	0.00000
Zinc (Zn)		500	4200	370	0.00000

†NASM Guidelines NMA and O. Reg. 267/03

‡CFIA T-4-93 Safety Guidelines for Fertilizers and Supplements

\* ug/g is equal to mg/kg equal to ppm

**B. Foreign Matter - Ontario †**

Foreign Matter	Test Results	Ontario
Total Foreign Matter		< 2% dry weight
Total Plastics		< 0.5%
Pieces < 25mm		None

†NASM Guidelines NMA and O. Reg. 267/03

**C. Pathogens - Ontario †**

Pathogen	Test Results	Ontario CP1	Ontario CP2	CFIA
Fecal coliform				<1000 MPN/g dry
E. coli		< 1000 CFU/g DW TS	< 2,000,000 CFU/g DW TS	
Salmonella		<3 CFU/g DW TS	<3 CFU/g DW TS	Not Detectable

†NASM Guidelines NMA and O. Reg. 267/03

‡CFIA T-4-93 Safety Guidelines for Fertilizers and Supplements

Inputs and/or end uses may require microbiological testing for additional parameters.

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