

Abbreviations

ADG – average daily gain	LD ₀ – Largest non-lethal dose in tested population (theoretical)
As – arsenic	meq – milliequivalent
Ba – barium	MetHb – methemoglobin
BW – body weight	mg – milligram
C – Celsius	mM – millimole
CNS – central nervous system	MMA – monomethylarsonous acid
Cp – ceruloplasmin	Mo – molybdenum
Cu – copper	MT – metallothionein
DM – dry matter	N – nitrogen
DMA – dimethylarsonous acid	Na – sodium
DMI – dry matter intake	nAChR – nicotinic acetylcholine receptor
ECF – extracellular fluid	NaCl – sodium chloride
ECG – electrocardiogram	NOAEL – no observed adverse effect level
EPA – U.S. Environmental Protection Agency	NO ₃ ⁻ – nitrate
EU – European Union	NO ₂ ⁻ – nitrite
F – Fahrenheit	NRC – National Research Council
F – fluorine	PEM – polioencephalomalacia
FDA – U.S. Food and Drug Administration	ppm – parts per million
g – gram	ppb – parts per billion
G.I. tract – gastrointestinal tract	% – percent
GSH – glutathione	ROS – reactive oxygen species
Hb – hemoglobin	S – sulfur
HDL – high-density lipoprotein	Se – selenium
Hg – mercury	SOLD ₅₀ – single oral median lethal dose
H ₂ S – hydrogen sulfide	T _{1/2} – biological half-life
IV – intravenous	TCA – trichloroacetic acid
kg – kilogram	TDS – total dissolved solids
L – liter	TM – thiomolybdates
lb – pound	USDA – U.S. Department of Agriculture
LD ₅₀ – Dose which is lethal in 50% of the tested population	WSVL – Wyoming State Veterinary Laboratory