

Classification	ID	Revision	Effective Date
C-TOX-A	72888	2	10/13/2021 8:14:20 AM

Giraffe Metal & Mineral Data (where known; n=6)

Minerals measured by ICP/MS. Dry weight determined gravimetrically. Our reference data is derived from Puls, Mineral Levels in Animal Health, 1994. We are in the process of gathering population data for multiple species to adjust the adequate ranges.

Liver (Dry weight basis) – Determined gravimetrically

Analyte	Giraffe Normal Range	Units	Deficient	High	Toxic
Cobalt	-	µg/g dwt	-	-	-
Copper	7 - 180	µg/g dwt	-	-	-
Iron	488 - 1600	µg/g dwt	-	-	-
Manganese	6.4 - 23.2	µg/g dwt	-	-	-
Molybdenum	-	µg/g dwt	-	-	-
Selenium	1.04 - 2.52	µg/g dwt	-	-	-
Zinc	200 - 480	µg/g dwt	-	-	-
Arsenic	-	µg/g dwt	-	-	-
Cadmium	-	µg/g dwt	-	-	-
Lead	< 8	µg/g dwt	-	-	-
Thallium	-	µg/g dwt	-	-	-
Dry wt. fraction	25 - 34	%			