

NIST/NOAA National Marine Analytical Quality Assurance Program

Description and Results of the 2003 Interlaboratory Comparison
Exercise for the Determination of Trace Elements in Marine Mammals



DRAFT REPORT

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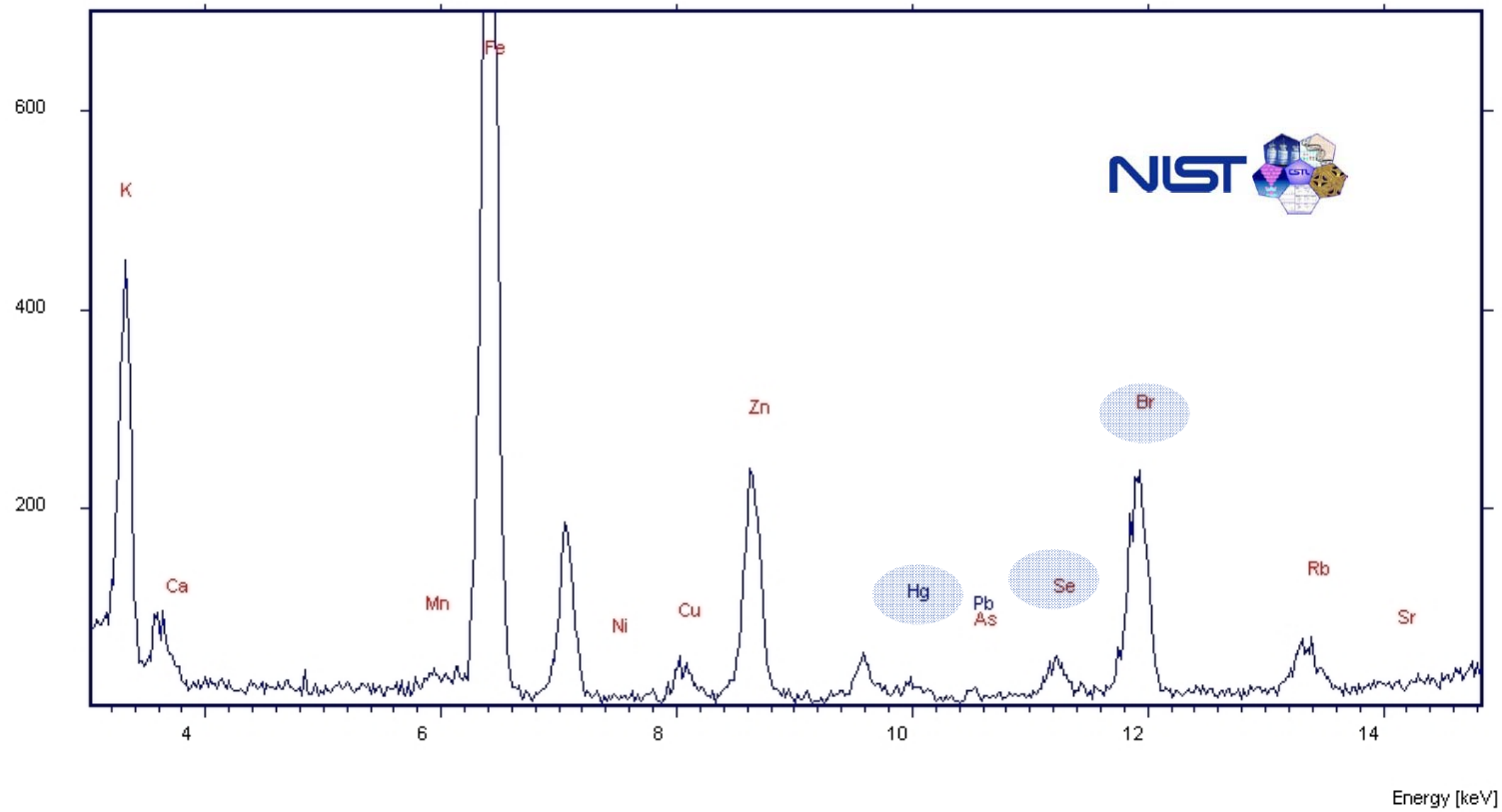


NIST-QC03LH3

TXRF Liver Whale spectrum

The sample was analyzed as slurry. Internal standard:Fe

Counts



NIST-QC03LH3

TXRF Results on sample slurry

	Recomm. Val. -U	NIST Recommended Values (ppm)	Recomm. Val. +U
Cu	2.55	2.74	2.93
Zn	19.5	21.15	22.8
Se	6.69	7.87	9.05
Rb	1.54	1.61	1.68
Hg	2.90	3.57	4.24

	TXRF Average		
	(ppm)	sd	rsd%
Cu	2.74	0.48	17.6
Zn	22.10	0.06	0.3
Se	8.0	0.03	0.3
Rb	1.636	0.078	4.8
Hg	3.2	0.4	13.0

