

Examples of Spike Names and Codes for Calculating Concentrations

Example with microsphere suspension:

Code	Name	Element	Units	Group
mic.susp:quantity added:ml	Microsphere suspension	quantity added	ml	CONC
mic.susp:concentration:number/ml	Microsphere suspension	concentration	number/ml	CONC
mic.counted:number	Microspheres	counted	number	CONC
samp.quant:volume:ml	Sample quantity	volume	ml	CONC

Example with Lycopodium tablets; quantity is number of tablets:

Code	Name	Element	Units	Group
Lyc.tab:quantity added:number	Lycopodium tablets	quantity added	number	CONC
Lyc.tab:concentration:number/tablet	Lycopodium tablets	concentration	number/tablet	CONC
Lyc.spik:counted:number	Lycopodium spike	counted	number	CONC
samp.quant:volume:ml	Sample quantity	volume	ml	CONC

Example with Eucalyptus tablets; quantity is grams of tablets added:

Code	Name	Element	Units	Group
Euc.tab:quantity added:g	Eucalyptus tablets	quantity added	g	CONC
Euc.tab:concentration:number/g	Eucalyptus tablets	concentration	number/g	CONC
Euc.spik:counted:number	Eucalyptus spike	counted	number	CONC
samp.quant:volume:ml	Sample quantity	volume	ml	CONC

Example with Lycopodium tablets; quantity is number of tablets, sample quantity in grams:

Code	Name	Element	Units	Group
Lyc.tab:quantity added:number	Lycopodium tablets	quantity added	number	CONC
Lyc.tab:concentration:number/tablet	Lycopodium tablets	concentration	number/tablet	CONC
Lyc.spik:counted:number	Lycopodium spike	counted	number	CONC
samp.quant:mass:g	Sample quantity	mass	g	CONC

Neotoma has default codes for taxa names and uses SI abbreviations for measurement units. However, Neotoma does not have default codes for elements and non-SI units, and, therefore, uses the complete element and measurement unit names in the codes. However, abbreviations can be used. Some sensible abbreviations are:

quantity added	quant.add
concentration	conc
number	n
tablet	tab
volume	vol

For example:

Code	Name	Element	Units	Group
Lyc.tab:quant:add:n	Lycopodium tablets	quantity added	number	CONC
Lyc.tab:conc:n/tab	Lycopodium tablets	concentration	number/ml	CONC
Lyc.spik:counted:n	Lycopodium spike	counted	number	CONC
samp.quant:vol:ml	Sample quantity	volume	ml	CONC