

SPE Sorbent Mass Selection Guide for Common Sample Matrices

For Regular Strata Products:

Biological Samples:

Blood, serum and plasma:

50 mg sorbent per 250 µl sample

Urine:

50 mg sorbent per 500 µl sample

Filtered Tissue homogenates:

100 mg sorbent per 100 mg tissue

Environmental Samples:

Water, Particulate-free (Drinking, Well, etc):

500 mg sorbent / 100 mL sample

Water, Particulate-laden (Rivers, Runoff, etc):

1 g sorbent / 100 mL sample

Soil Extracts:

1 g sorbent / 100 g of soil extract

strata-X sorbent masses would be about ½ of these due to "higher capacity per gram."

Summary: Be safe. When in doubt, use more sorbent than theory would predict.