

ChemTrace High Purity Swab Kit for In Situ Collection of Surface Trace Metals on Tool Components or Critical Surfaces



ChemTrace Swab Kit Includes

- Shipping Box
- Pre-cleaned, qualified & pre-saturated swab in pre-cleaned tubes
- Sampling instructions
- Analytical Service Request form
- Return address label

Advantages Over Wipe Method

- Swab is not in direct contact with glove during sampling which reduces trace metals contamination

Element	Method Detection Limit	Control Swab	Location 1	Location 2	Location 3	Location 4
Aluminum (Al)	50	<50	550	490	490	350
Calcium (Ca)	70	<70	14,000	660	2,500	570
Chromium (Cr)	20	<20	<20	<20	<20	<20
Cobalt (Co)	5	<5	<5	<5	<5	<5
Copper (Cu)	2	<2	15	2.5	3.7	<2
Iron (Fe)	20	<20	37	<20	<20	<20
Lithium (Li)	20	<20	<20	<20	<20	<20
Magnesium (Mg)	50	<50	830	1,200	950	600
Manganese (Mn)	5	<5	<5	<5	<5	<5
Molybdenum (Mo)	1	<1	<1	<1	<1	<1
Nickel (Ni)	10	<10	<10	<10	<10	<10
Potassium (K)	50	110	1,200	900	920	870
Sodium (Na)	50	<50	1,300	350	490	510
Zinc (Zn)	20	<20	130	26	<20	<20

Surface Concentration (x 10¹⁰ atoms/cm²)

CAPABILITIES

- 30 plus trace elements
- High sensitivities
- Suitable for all substrates/coatings
- Ideal for sampling of surfaces regardless of orientation

44050 Fremont Blvd :: Fremont, CA 94538 :: USA :: Phone 510-687-8000

12130 NE Ainsworth Circle Ste 210 :: Portland, OR 97220 :: USA :: Phone 503-254-2828