



**NanoLab Delivers!**

### Contamination Caused by Gloves

Un-gloved hands will contaminate products with various organic oils, NaCl, water and other chemicals which a worker has unknowingly touched. To avoid such contamination, the worker usually wears plastic, nylon or clean room gloves. We have tested for contamination from gloves by wearing them and touching kitchen aluminum foil.



	Al	C	O	Si	N	Na	Cl	S	Ca	F	Zn
Clean Al foil	29	29	41	---	---	---	---	---	---	---	---
Clean Al foil	30	21	48		0.3			---	---	---	---
Fingerprint / Al	6.6	76	16	0.6	0.6	0.7	0.1	---	---	---	---
#1 plastic/nylon	23	33	40	3.8	---	---	0.6	---	---	---	---
#2 off-white latex	22	40	34	2.1	---	0.4		---	---	0.3	---
#3 yellow latex	2.2	50	23	24.0	---	---	0.3	---	---	---	---
#4 pink PE	20	53	26	---	0.6	---	---	---	---	---	---
#5 pink latex	19	42	33	5.8	---	0.3	---	---	---	---	---
#6 yellow latex	23	42	33	---	0.6	0.5	---	1.1	---	---	---
#7 opaque vinyl	27	41	32	---	---	0.5	---	---	0.1	---	---
#8 clean rm nylon	29	22	47	1.4	0.1	0.3	---	---	---	---	---
#9 blk conductive	14	53	32	0.9	0.3	---	---	---	---	---	---
#10 white latex	7.4	54	26	10.0	---	0.2	0.8	1.1		---	---
#11 yellow latex 2	21	36	39	2.9	0.4	---	---	---	0.1	---	0.3
#12 clear PE	17	53	29		1	0.2	---	---	---	---	---
#13 white PE	27	25	47	0.4	0.5	---	0.1	---	---	---	---

### Depths of Information (~ minimum sample thickness)

(Maximum Depth requires a change in analysis conditions, such as: ion beam sputtering, higher voltage, sample tilting... The red boxes mean that the region or sample is destroyed.)

