

Input data Ni-Fe binary				
		Ni	Fe	
μ/ρ Ni $K\alpha$ (cm ² /g) absorber ^a		58.9	379.6	
Z		28	26	
E_r (kV)		8.332	7.111	
A		58.71	55.85	

Output data Ni-Fe binary					
Ni-Fe Sample	E_0 (kV)	Ψ (deg)	$f(\chi)$	$f(\chi)^a$	A_{Ni}
Fe-10% Ni Sample	30	52.5	—	0.794	1.21
Ni Standard			0.959	—	
Fe-10% Ni Sample	30	15.5	—	0.555 ^b	1.60
Ni Standard			0.886	—	
Fe-10% Ni Sample	15	52.5	—	0.945	1.05
Ni Standard			0.990	—	
Fe-10% Ni Sample	15	15.5	—	0.853	1.14
Ni Standard			0.972	—	
Fe-50% Ni Sample	15	15.5	—	0.902	1.08
Ni Standard			0.972	—	

Tabell 5.1 Absorpsjon av Ni K_{α} i en Ni-Fe legering.

Input data Al-Mg binary				
		Al	Mg	
μ/ρ Al $K\alpha$ (cm ² /g) absorber ^a		385.7	4376.5	
A		26.98	24.305	
Z		13	12	
E_r (kV)		1.56	1.303	

Output data Al-Mg binary					
	E_0 (kV)	Ψ (deg)	$f(\chi)$	$f(\chi)^a$	A_{Al}
Sample Mg-10% Al	30	52.5		0.165 ^b	4.48
Al Standard			0.738		
Sample Mg-10% Al	30	15.5		0.04 ^b	11.7
Al Standard			0.469 ^b		
Sample Mg-10% Al	15	52.5		0.443 ^b	2.04
Al Standard			0.902		
Sample Mg-10% Al	15	15.5		0.178 ^b	4.23
Al Standard			0.753		
Sample Mg-50% Al	15	15.5		0.291 ^b	2.58
Al Standard			0.753		
Sample Mg-10% Al	7.5	52.5		0.742	1.306
Al Standard			0.969		

Tabell 5.2 Absorpsjon av Al K_{α} i en AlMg legering.