scaling of NiMnGa films with Ni50Mn25Ga25 standard (bulk)

Chemical Analysis of Target: Ni50Mn25Ga25

SK049E

Target/standard	Ni	Mn	Ga	Cu	Sum
1	49.5	27.7	22.8	0	100
2	49.5	27.3	23.2	0	100
3	49.8	27.5	22.7	0	100
Average	49.6	27.5	22.9	0	100
Film					
1	52.1	20.5	23.3	4.1	100
2	52.4	20.7	23.2	3.7	100
3	52	20.3	23.9	3.8	100
4	52	20.5	23.4	4.1	100
5	52.4	20.8	23	3.8	100
Average	**52.18**	**20.56**	**23.36**	**3.9**	100
Standard deviation	0.204939015	0.194935887	0.336154726		

Gewichtete Statistik ausgehend von Target -> Skalenfaktoren

Target

	actual value	49.6	27.5	22.9	0
	reference	50	25	25	0
	scaling	1.008064516	0.909090909	1.091703057	1

Gewichtung Film

	actual value	52.18	20.56	23.36	3.9	100
	reference	52.601	18.691	25.502	3.900	100.694
	normalized	52.23832526	18.56210683	25.32644348	3.87312443	100

result	**52.2**	**18.6**	**25.3**	**3.9**	