

Sheet1

Winkel	Farbe	Intensität	Ordnung	Nullpunkt	Ablenkwinkel	Fehler	Ablenkwinkel	Wellenlänge geraten [nm]	Gitterkonstante [nm]
176.99	hg		10	0					
161.82	violett		3	1	177.015	16.161875	0.9034890208	435.8	1565.643173295
159.93	gruenblau		2	1		18.051875	0.9034890208		
158.04	grün		8	1	177.27	19.941875	0.9034890208	546.1	1601.1532053613
157.71	grün		1	1		20.271875	0.9034890208		
156.93	gelb		8	1	177.305	21.051875	0.9034890208	577.0	1606.2890519835
156.86	gelb-orange		8	1	177.315	21.121875	0.9034890208	579.1	1607.0354355163
146.12	violett		7	2	177.875	31.861875	0.9034890208	435.8	1651.1537705363
137.47	grün		8	2	178.775	40.511875	0.9034890208	546.1	1681.3277810717
134.91	gelb		8	2	179.155	43.071875	0.9034890208	577.0	1689.8143067861
134.62	gelb-orange		8	2	179.145	43.361875	0.9034890208	579.1	1686.8532426739
191.22	violett		1	1		-13.238125	0.9034890208		
192.21	violett		7	1		-14.228125	0.9034890208	435.8	1773.107127868
194.48	blau		4	1		-16.498125	0.9034890208		
194.64	blau		1	1		-16.658125	0.9034890208		
196.50	grün		9	1		-18.518125	0.9034890208	546.1	1719.4333500026
197.68	gelb-orange		8	1		-19.698125	0.9034890208	577.0	1711.8387959356
197.77	gelb-orange		8	1		-19.788125	0.9034890208	579.1	1710.5660353078
207.00	violett		2	2		-29.018125	0.9034890208		
209.63	violett		7	2		-31.648125	0.9034890208	435.8	1661.1361520856
214.74	blau		3	2		-36.758125	0.9034890208		
220.08	grün		8	2		-42.098125	0.9034890208	546.1	1629.1709305154
223.40	gelb		6	2		-45.418125	0.9034890208	577.0	1620.221873836
223.67	gelb		6	2		-45.688125	0.9034890208	579.1	1618.6196517549

Mittelwert: 177.981875
Fehler: 0.903489021

Mittelwert: 1658.3352427831
55.3601113718