|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 测定光栅常数 | | | | | | |
|  | +1 | | -1 | | φ | d/nm |
|  | θ1 | θ2 | θ1' | θ2' |
| 绿 | 33.33 | 213.37 | 52.25 | 232.28 | 9.4575 | 0.003323 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 测定光波波长 | | | | | | | | |
|  | +1 | | -1 | | φ | λ/nm | Δλ/λ标 | λ标 |
|  | θ1 | θ2 | θ1' | θ2' |
| 紫 | 35.23 | 215.23 | 50.3 | 230.33 | 7.5425 | 436.2206 | 0.000896 | 435.83 |
| 黄1 | 32.85 | 212.85 | 52.72 | 232.77 | 9.9475 | 574.0846 | 0.004984 | 576.96 |
| 黄2 | 32.68 | 212.72 | 52.82 | 232.87 | 10.0725 | 581.2245 | 0.003721 | 579.07 |