

**WAVE-LENGTHS OF IMPORTANT SPECIAL LINES IN AIR AT 15°C and 760 mm Hg PRESSURE**

Line	Wave-length (n m)
K red	766.8
O red (A)	759.4
O red (B)	687.0
Li red	670.8
H $\alpha$ red	656.3
Cd red*	643.84696
Li orange	610.4
Na orange (D <sub>1</sub> )	589.59
Na orange (D <sub>2</sub> )	589.00
Na orange (D <sub>3</sub> )	587.56
He yellow	586.0
Ti green	535.1
Fe and Ca Green (E)	527.0
Mg green (b <sub>1</sub> )	517.8
Mg green (b <sub>2</sub> )	517.3
Mg green (b <sub>4</sub> )	516.7
Cd green*	508.582
H $\beta$ blue-green (F)	486.1
Cd blue*	479.991
Sr blue	460.8
Li blue	460.2
H $\gamma$ blue (G <sub>1</sub> )	434.0
Fe and Ca blue (G)	430.8
Ca blue (g)	422.7
K violet	404.7
Radium	670.0
Zinc	610.3
Argon	603.1
Boron	600.0
Neon	585.3
Copper	570.0
Barium	553.6
Mercury	546.1
Iron	527.0
Caesium	455.5
Indium	451.1
Rubidium	421.6
Aluminum	396.2
An everyday standard is taken as Sodium =589.3nm	
* Accepted standard lines	