



# Green Scientific

Elements Created By Nature Tested By You

10 Crestview Drive, Beaconsfield, Victoria Australia 3807

Ph: 0402 425 852 | Fax:

[sales@greenscientific.com.au](mailto:sales@greenscientific.com.au)

[www.greenscientific.com.au](http://www.greenscientific.com.au)

Quality Certified | ISO2001:2008

## **Operating and Warranty Card**

### **Operating:**

*This hollow cathode lamp is tested to ensure that it will perform to specification in your instrument. As instrument operating conditions vary between manufacturers, refer to the Operating Data sheet packed with this lamp to determine the correct current setting for your instrument model. To obtain best results and to maximise lamp life, use the recommended operating current. To install the lamp, and to optimise the signal refer to the detailed instructions in the operation manual for your instrument.*

*Keep the lamp window very clean. Take care to follow the instructions in the operation manual for slit settings, etc. After prolonged storage, the lamp should be run for approximately 20 minutes at the recommended current to stabilise the output. Warm-up time varies with the element, but 5-10 minutes is typical.*

### **Warranty:**

*This hollow cathode lamp is guaranteed to be free of material or manufacturing defects and to provide satisfactory performance when operated at the correct current for the specific instrument on the lamp data sheet supplied. Green Scientific hollow cathode lamps are guaranteed for 2 years from the date of despatch, or 5000 milliampere hours usage whichever comes first.*

*The Green Scientific hollow cathode lamp will be replaced free of charge provided that Green Scientific or its duly appointed distributor are satisfied that it has failed and the following conditions have been strictly adhered to. Green Scientific is satisfied the lamp has not been operated at high current. Green Scientific is satisfied the lamp has not failed due to accidental, transit damage or misuse by the operator. Information on return report must be given at the time of claim. This lamp is guaranteed shelf life (non use) of 5 years. If a free replacement lamp is supplied the validation date will be from the first lamp shipment date.*





# Green Scientific

Elements Created By Nature Tested By You

## **Before Returning A Lamp.**

*Minor lamp to lamp intensity variations are to be expected and are not cause for concern as all Green Scientific lamps are tested following manufacture to ensure their output intensity at the primary analyse wavelength is within an acceptable range. If you feel your lamp is not performing properly, consider the following typical sources of poor precision or sensitivity before requesting a warranty replacement:*

<b>Problem</b>	<b>Typical Cause (Flame)</b>	<b>Typical Cause (Furnace)</b>
<b>Poor Precision</b>	Dirty burner head	Poor Pipetting or drying
	Sample introduction problem	Graphite tube or contact cylinder problem
	Carryover	High background absorption
<b>Poor Sensitivity</b>	Incorrect standards	Incorrect furnace conditions
	Burner alignments	Matrix modifier problems
	Flame conditions	

***Attach to box for return once lamp report has been completed and authorisation number given.***

---

## **Green Scientific**

**Attention: Returns**

**10 Crestview Drive  
Beaconsfield  
Victoria  
Australia 3807**