

PREMIER MAGNESIA - GILES CHEMICAL

COMPANY PROCEDURE

USP UV-Vis Spectrophotometer Filter Pad Maintenance

Stephen

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Revision: 00 Effective Date: 03/02/2012

Procedure Number: QA-LAB-47



Hach DR 5000 UV-Vis Spectrophotometer Filter Pad Maintenance (Quarterly):

- 1) Remove any cuvettes and cuvette/sample cell adapter from the cell compartment.
- 2) Turn the spectrophotometer off.
- 3) Unplug the power cord.
- 4) Lift the spectrophotometer and check the color of the filter mat. Replace the filter mat if it is dark grey or black.
- 5) Record the observation in the UV-Vis Spectrophotometer Filter Pad Maintenance Log.

Filter Pad Replacement

- 6) Carefully turn the spectrophotometer over and place it on a soft surface.
- 7) Use a screwdriver (standard or cross-head) to open the filter grid.
- 8) Lift the filter grid.
- 9) Remove the old air filter pad and replace it with a new air filter pad.
- 10) Screw the grid back into place.
- 11) Carefully stand the spectrophotometer upright.
- 12) Plug the spectrophotometer in.
- 13) Record the filter placement in the UV-Vis Spectrophotometer Filter Pad Maintenance Log.



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