



Is holmium oxide suitable for absorbance accuracy qualification – FAQ

No, the holmium oxide calibration standard cat# [PQA-HOX-01](#) is quite variable in its absorbance and is intended as a wavelength **accuracy** standard only.

The appropriate item for this purpose is the 0.06000 mg/mL potassium dichromate solution, which is Solution #3 in the current UV-vis kit. This is the basis of the current EP regulations, and it is widely used both in the US and internationally. The reference solution will also be needed. This item is not currently sold separately apart from the Kit.

The NIST specifications for holmium oxide can be found in the attached document. Also attached is the Instruction Manual for the PQ Qualification Kit™.

Click [HERE](#) for qualification and calibration kit ordering information and pictures.

Attachments:

JPCRD 34-102005-Travis pdf [Download File](#)

UV-vis calibration kit instructions 1_05 pdf [Download File](#)

Printed from the Chrom Resource Center

MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

tel. (732) 380-8900, fax (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com

Date: 05-08-2024