

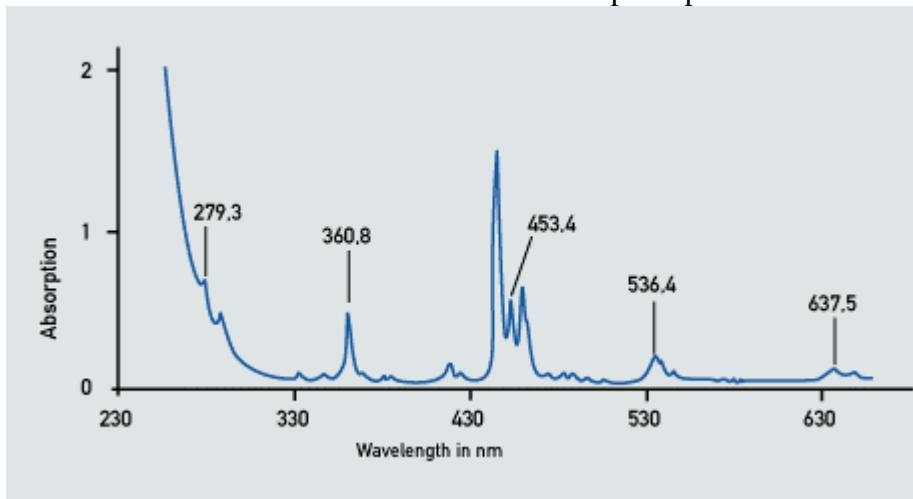
Holmium Oxide Glass Filter

Description	Holmium oxide glass filter, solid filter, certified
Use	Assessment of wavelength accuracy in both the UV and visible range (279 nm to 638 nm) with a spectral bandwidth up to 2 nm
Material	Glass doped with holmium oxide

666-F1 Holmiumoxidglass-Filter



The light yellow filter marked F1 is a glass doped with holmium oxide (Ho_2O_3). The chemical element holmium shows a series of small absorption peaks in UV and Vis range.



Typical spectrum of a

holmium oxide glass filter

Because the exact positions of the holmium peaks vary slightly for each production batch (movement due to the glass matrix), the filters are calibrated individually.

Catalogue-No.	Material	Thickness	Absorbance at nm
666-F1	Holmium Oxide Glass	2,1 mm	279, 361, 454, 536, 638