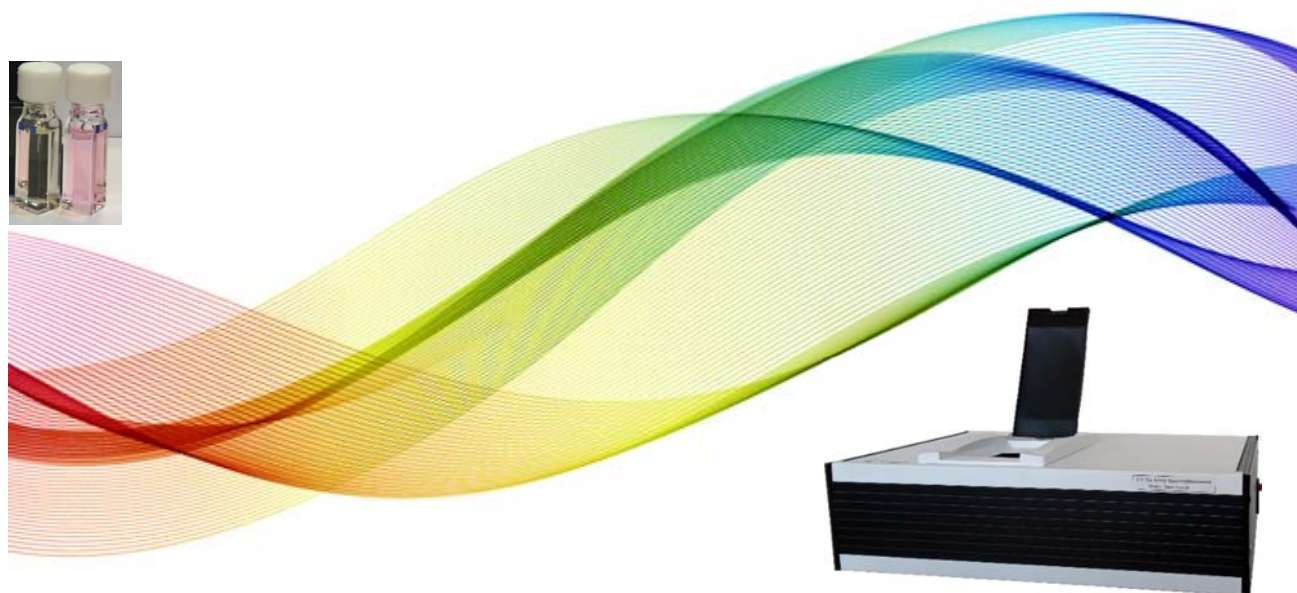


## Holmium Standard

Standard reference materials for  
UV and Visible spectrophotometry



The standards material are necessary to provide tests of spectrophotometer or spectrometer's features with internal or external quality standards such as Ph.Eur , USP, TGA and ASTM for ensuring correct and accurate results. Providing device's parameters cause checking accuracy and correctness of spectrometer. Standards material such as:

- Samarium Standard (For Wavelength)
- Holmium Standard (For Wavelength)
- Potassium Dichromate (For Linearity)
- Potassium Iodide (For Stray Light)
- Sodium Chloride (For Stray Light)

# Holmium Standard

ST-Arn-Ho

## Specifications:

**Standard Materials:** HOLMIUM STANDARD SOLUTION

**Primary Usage:** Assessment of wavelength accuracy in both UV and Visible, resolving complex peaks.

**Useable Range:** 240 nm to 650 nm

**Special sharp wavelength:** 452.0 nm

**Physical Configuration:** UV quartz cell that has been permanently sealed by heat fusion.

**Product Description:** Holmium has been used as a wavelength standard that we have extended the use by creating a filled and sealed UV quartz cell which allows it to be used into the UV and Vis spectra. Holmium offers sharp, stable peaks over the range of 240 to 650nm. Holmium is used to assure that the wavelength scale of your instrument is within the manufacturer's tolerances to the actual wavelength being measured. The use of the filled quartz cell assures that the optical configuration for your quality control is exactly the same as for a normal analysis.

UV Region (nm)	Visible Region (nm)
241.5	417.1
277.4	452.0***
288.2	485.9
317.3	536.9
334.3	642.5
387.1	657.5



**Warning and Precautions:**

- Store in dark at room temperature
- This product containing acidic material.

## Applications:

