

Instrument validation

NIST Traceable Glass & Liquid References

* **Starna** are a world leading manufacturer and supplier of **Certified Reference Materials [CRMs]** for UV, Visible and Near Infrared photometer applications. All CRMs are manufactured to **ISO 17025 & ISO Guide 34** in the **Starna UKAS accredited laboratory**.

* **Starna** CRMs meet all current international regulatory validation requirements for UV, Visible and Near Infrared spectrophotometer instruments.

* Glass filter CRMs are manufactured to the exacting standards required by **National Metrology Institutes [NMI]**.

* All Starna liquid references are heat fusion-sealed, eliminating both contamination and leakage issues. Starna has forty years experience in the production of heat fusion - sealed references.

* A **Lifetime Guarantee** covers all Starna UKAS Certified references, provided the CRMs are re-certified at least every two years and are used in compliance with the conditions of use, stated in the documentation enclosed with each set.

* **Re-calibration service** with a guaranteed five working day turn-round is available from the Starna Calibration Laboratory, for all references. Some third party references can also be certified to ISO 17025 standard.



Below are some typical set designations to meet various regulatory requirements.

Full details of all references are available from Starna.

European Pharmacopoeia - RM-0660HLKCTX

Potassium Dichromate 60 & 600mg/l, Holmium Perchlorate, Potassium Chloride, Toluene/Hexane

Full Pharmacopoeia - RM-0660HLKCSITX

Potassium Dichromate 60 & 600mg/l, Holmium Perchlorate, Potassium Chloride, Sodium Iodide, Toluene/Hexane

United States Pharmacopoeia (USP) - RM-06HLKITX

Potassium Dichromate 60mg/l, Holmium Perchlorate, Potassium Iodide, Toluene/Hexane

RM-06 Potassium Dichromate 60mg/l

RM-HL Holmium Perchlorate

RM-1N2N3N Neutral Density Filter 10, 20 & 30%T

RM-N1N35N Neutral Density Filter 1, 3 & 50%T

RM-NIR TS5 Reference



Absorbance & Linearity



Wavelength



Stray Light



Instrument Resolution