



# Starna NIR References

## Traceable Certified Reference Materials (CRMs)

**Traceability** - Reference certified traceable to NIST primary Standard Reference Material - SRM 2065

**Accreditation** - All CRMs are produced and certified in an ISO Guide 34 and ISO/IEC 17025 accredited environment respectively as now required by ILAC (International Laboratory Accreditation Co-operation) for Reference Material producers.

**Guarantee** - CRMs are covered by a Lifetime Guarantee, providing they are re-certified every two years and are stored and used correctly.

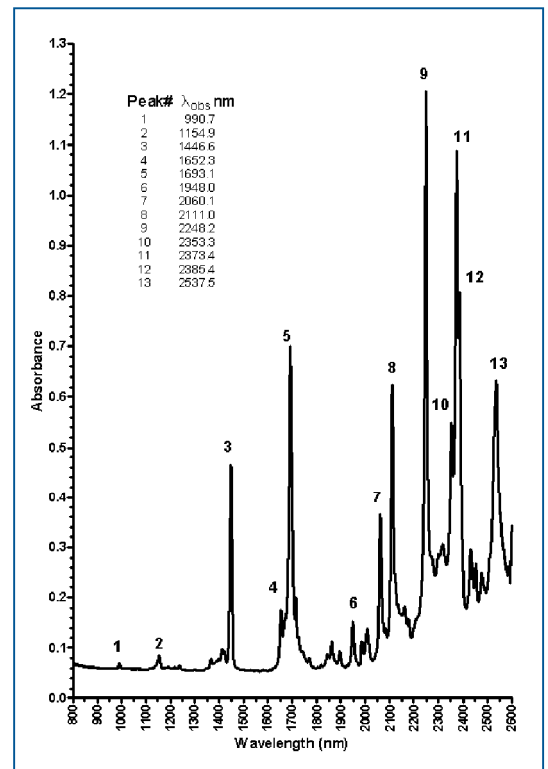
**Presentation** – Liquid reference material, permanently heat-fused sealed in a high quality far-uv quartz cuvette. Provided in a polished hardwood wooden box.

**Configuration** – Provided in either a Transmittance or Transmittance/Trans-reflectance format.

Transmittance – 10mm optical path length, both linear path optical windows clear, opposed sides 'grey'.

Transmittance/Trans-reflectance – 5mm or 10mm optical path length, depending on orientation. In 5mm configuration, rear window mirror coated to provide reflectance optical return – so path length effectively  $2 \times 5 = 10\text{mm}$ .

**Certification** – Complete with certificate of wavelength values, and associated expanded uncertainty, for 13 assigned peak values in the range 950 – 2550nm.



### Ordering information:

Part number: RM-NIR

Description: Certified NIR wavelength reference for transmittance measurements.

Part number: RM-NIR/T

Description: Certified NIR wavelength reference for transmittance and trans-reflectance measurements.



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