

# Infrared Reflectance Standards Survey

**INSTRUCTIONS:**

"PRIORITY" pick a priority level from the drop down menu:

- 1 = high (a critical parameter; SRM of no value without it)
- 2 = medium (important for calibration purposes, but not absolutely essential)
- 3 = low (useful, but icing on the cake)
- 0 = zero (not important, immaterial)
- 4 = none (don't know or no opinion)

**PARAMETER                      PRIORITY                      VALUES**

**Angle dependent Reflection Standards**

1	Wavelength ( $\lambda$ ) Range, ( $\mu\text{m}$ )	<input type="text"/>	2-14	3-5	8-12	10.6	<input type="text"/> - <input type="text"/>
2	Reflectance Factor (R), 1.00 = 100%	<input type="text"/>	> 0.9	0.2 - 0.7	< 0.1	< 0.02	<input type="text"/>
3	Spectral Characteristic (neutrality)	<input type="text"/>	neutral <input type="text"/>	w/ structure <input type="text"/>	<input type="text"/> <input type="text"/>		
4	Angle Range(s), $^\circ$	<input type="text"/>	near normal only <input type="text"/>	lower limit <input type="text"/>	upper limit <input type="text"/>	stepsize (interval) <input type="text"/>	
5	Expanded Uncertainty (k=2), %	<input type="text"/>	$\pm 10$	$\pm 5$	$\pm 2$	$\pm 1$	< $\pm 1$ <input type="text"/> <input type="text"/>
6	Standards / Calibration service	<input type="text"/>	Standards for purchase <input type="text"/>		Calibration Service at NIST <input type="text"/>		
7	Spatial Uniformity Requirement	<input type="text"/>	$\pm$ <input type="text"/> % over 90% of surface				<input type="text"/> <input type="text"/>
8	Sample Size (mm)/Geometry	<input type="text"/>	25	50	100	round	square <input type="text"/> <input type="text"/>
9	Spot Size	<input type="text"/>	<input type="text"/> mm				

10 Please indicate your instrumental application for use of a SRM:

BRDF	Integrating Sphere	Hemi-ellipsoid	Bi-Conical Designs	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

11 Please indicate what type of instruments are used for a SRM:

FT	Monochromator	Filters	Circular Variable Filter (CVF)	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## Measurement Intercomparison, Round-Robin

12 Your participation   other

13 Time scale: Next comparison should be within  3 yr. 2 yr. 1 yr. 6 month

## EO-IR Workshop (or similar)

14 Usefulness/Attendance   attended in the past  plan to attend in future

15 Structure of the workshop  discussion groups  presentations  tutorials   
 mixture of above

16 Location  independent  part of or parallel to Conference

17 Timing  Spring Summer Fall Winter

## Comments

## Contact Information:

**NOTE:**

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