

CCPR-K1.b and COOMET.PR-K1.b.1

Key comparison CCPR-K1.b

MEASURAND : Spectral irradiance

x_i : result of measurement carried out by laboratory i (representative spectral irradiance of the laboratory - see Section 9.1 of the Final Report)

$U_{\text{Lab } i}$: relative expanded uncertainty of x_i at a 95 % level of confidence

Wavelength: 200 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	1.0597	26.4
NIST	1.0130	1.5
NPL	1.0104	9.3
NRC	0.9478	5.4
PTB	1.0114	3.3

Wavelength: 210 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	1.0532	11.2
NIST	1.0210	1.3
NPL	0.9780	5.6
NRC	0.9540	5.2
PTB	1.0331	2.3

Wavelength: 220 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.9776	7.8
NIST	0.9582	1.3
NPL	0.9353	3.4
NRC	0.9153	4.8
PTB	0.9648	2.3

Wavelength: 230 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.8777	7.8
NIST	0.8702	1.3
NPL	0.8462	3.2
NRC	0.8389	4.3
PTB	0.8749	1.7

Wavelength: 240 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.7724	7.8
NIST	0.7691	1.3
NPL	0.7487	2.8
NRC	0.7482	3.9
PTB	0.7668	1.7

Wavelength: 250 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.6728	7.8
NIST	0.6669	1.2
NPL	0.6474	2.1
NRC	0.6517	3.5
PTB	0.6625	1.4

Wavelength: 260 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.5733	7.8
NIST	0.5690	1.3
NPL	0.5571	1.8
NRC	0.5614	3.5
PTB	0.5661	1.4

Wavelength: 270 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.4868	7.8
NIST	0.4832	1.4
NPL	0.4751	2.7
NRC	0.4838	3.5
PTB	0.4798	1.5

Wavelength: 280 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.4140	7.8
NIST	0.4112	1.4
NPL	0.4019	3.5
NRC	0.4126	3.5
PTB	0.4075	1.5

Key comparison CCPR-K1.b

MEASURAND : Spectral irradiance

x_i : result of measurement carried out by laboratory i (representative spectral irradiance of the laboratory - see Section 9.1 of the Final Report)

$U_{\text{Lab } i}$: relative expanded uncertainty of x_i at a 95 % level of confidence

Wavelength: 290 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.3566	7.9
NIST	0.3497	1.5
NPL	0.3444	4.2
NRC	0.3560	3.6
PTB	0.3475	1.6

Wavelength: 300 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.3060	7.9
NIST	0.3012	1.5
NPL	0.2998	2.9
NRC	0.3081	3.6
PTB	0.2976	1.6

Wavelength: 310 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.2626	5.9
NIST	0.2617	1.7
NPL	0.2631	2.6
NRC	0.2701	3.7
PTB	0.2585	1.9

Wavelength: 320 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.2359	5.0
NIST	0.2282	1.7
NPL	0.2309	1.8
NRC	0.2354	3.8
PTB	0.2267	1.9

Wavelength: 330 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.2044	5.0
NIST	0.2008	1.9
NPL	0.2036	1.9
NRC	0.2060	4.0
PTB	0.2014	2.2

Wavelength: 340 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.1861	4.9
NIST	0.1778	1.9
NPL	0.1813	1.9
NRC	0.1859	4.6
PTB	0.1781	2.2

Wavelength: 350 nm

Lab i	x_i / [mW/(m ² nm)]	$U_{\text{Lab } i}$ / %
LNE-INM	0.1581	3.7
NIST	0.1575	2.4
NPL	0.1571	2.3
NRC	0.1669	5.9
PTB	0.1546	3.3

Key comparison COOMET.PR-K1.b.1

MEASURAND : Spectral irradiance

Wavelength range: 200 nm to 350 nm

The results of the measurements of the participants in COOMET.PR-K1.b.1 can be found in section 6.2 (for VNIIOFI measurements) and section 6.3 (for PTB measurements) of the Final Report.

CCPR-K1.b and COOMET.PR-K1.b.1

Key comparison CCPR-K1.b

MEASURAND : Spectral irradiance from 200 nm to 350 nm

For each wavelength, the key comparison reference value, x_R , is based on the weighted mean of the participant results, with application of a cut-off uncertainty, as explained in Section 9.2 on page 93 of the Final Report. Its relative expanded uncertainty at a 95 % level of confidence, U_R , is determined as explained in the same Section of the Final Report.

Wavelength / nm	200	210	220	230	240	250	260	270
x_R / [mW/(m ² nm)]	1.0029	1.0146	0.9540	0.8664	0.7636	0.6611	0.5652	0.4809
U_R / %	2.1	1.8	1.4	1.2	1.1	0.9	0.8	1.0

Wavelength / nm	280	290	300	310	320	330	340	350
x_R / [mW/(m ² nm)]	0.4089	0.3493	0.3003	0.2617	0.2294	0.2024	0.1799	0.1575
U_R / %	1.2	1.2	1.0	1.1	1.0	1.1	1.1	1.3

For each wavelength, the degree of equivalence of laboratory i with respect to the key comparison reference value is given by a pair of terms, both expressed in %: $D_i = (x_i - x_R) / x_R$ and its expanded uncertainty U_i at a 95 % level of confidence, $U_i = (U_{\text{Lab } i}^2 + U_R^2)^{1/2}$.

For each wavelength, the degree of equivalence between laboratories i and j is given by a pair of terms, both expressed in %:

$D_{ij} = D_i - D_j$ and its expanded uncertainty at a 95 % level of confidence, $U_{ij} \sim (U_{\text{Lab } i}^2 + U_{\text{Lab } j}^2 + U_R^2)^{1/2}$.

Linking COOMET.PR-K1.b.1 to CCPR-K1.b

The results of VNIOFI participant in COOMET.PR-K1.b.1 are linked to those of CCPR-K1.b through the results of the linking laboratory, PTB, and the degrees of equivalence of VNIOFI are computed as explained in Section 9 of the COOMET.PR-K1.b.1 Final Report.

Wavelength: 200 nm

Lab <i>i</i>			Lab <i>j</i> →									
	D_i	U_i	LNE-INM		NIST		NPL		NRC		PTB	
	D_i	U_i	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
	/ %		/ %		/ %		/ %		/ %		/ %	
LNE-INM	5.7	26.5			4.7	26.5	4.9	28.1	11.2	27.0	4.8	26.7
NIST	1.0	2.6	-4.7	26.5			0.3	9.7	6.5	6.0	0.2	4.2
NPL	0.7	9.5	-4.9	28.1	-0.3	9.7			6.2	11.0	-0.1	10.1
NRC	-5.5	5.8	-11.2	27.0	-6.5	6.0	-6.2	11.0			-6.3	6.7
PTB	0.8	3.9	-4.8	26.7	-0.2	4.2	0.1	10.1	6.3	6.7		
VNIIOFI	-1.4	10.8										

Wavelength: 210 nm

Lab <i>i</i>			Lab <i>j</i> →									
	D_i	U_i	LNE-INM		NIST		NPL		NRC		PTB	
	D_i	U_i	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
	/ %		/ %		/ %		/ %		/ %		/ %	
LNE-INM	3.8	11.4			3.2	11.4	7.4	12.6	9.8	12.5	2.0	11.6
NIST	0.6	2.2	-3.2	11.4			4.2	6.0	6.6	5.7	-1.2	3.2
NPL	-3.6	5.8	-7.4	12.6	-4.2	6.0			2.4	7.8	-5.4	6.3
NRC	-6.0	5.5	-9.8	12.5	-6.6	5.7	-2.4	7.8			-7.8	6.0
PTB	1.8	2.9	-2.0	11.6	1.2	3.2	5.4	6.3	7.8	6.0		
VNIIOFI	1.6	8.0										

Wavelength: 220 nm

Lab <i>i</i>			Lab <i>j</i> →									
	D_i	U_i	LNE-INM		NIST		NPL		NRC		PTB	
	D_i	U_i	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
	/ %		/ %		/ %		/ %		/ %		/ %	
LNE-INM	2.5	7.9			2.0	8.1	4.4	8.7	6.5	9.3	1.3	8.3
NIST	0.4	1.9	-2.0	8.1			2.4	3.9	4.5	5.1	-0.7	3.0
NPL	-2.0	3.7	-4.4	8.7	-2.4	3.9			2.1	6.0	-3.1	4.4
NRC	-4.1	5.0	-6.5	9.3	-4.5	5.1	-2.1	6.0			-5.2	5.5
PTB	1.1	2.7	-1.3	8.3	0.7	3.0	3.1	4.4	5.2	5.5		
VNIIOFI	0.7	7.2										

Wavelength: 230 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.3	7.9								
NIST		0.4	1.8								
NPL		-2.3	3.4								
NRC		-3.2	4.5								
PTB		1.0	2.1								
VNIOFI		0.0	5.8								

Wavelength: 240 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.2	7.9								
NIST		0.7	1.7								
NPL		-2.0	3.0								
NRC		-2.0	4.1								
PTB		0.4	2.1								
VNIOFI		-0.4	5.4								

Wavelength: 250 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.8	7.9								
NIST		0.9	1.5								
NPL		-2.1	2.3								
NRC		-1.4	3.6								
PTB		0.2	1.6								
VNIOFI		0.4	4.4								

Wavelength: 260 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.4	7.9								
NIST		0.7	1.5								
NPL		-1.4	2.0								
NRC		-0.7	3.5								
PTB		0.1	1.6								
VNIOFI		1.3	4.2								

Wavelength: 270 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.2	7.9								
NIST		0.5	1.7								
NPL		-1.2	2.9								
NRC		0.6	3.7								
PTB		-0.2	1.8								
VNIOFI		1.2	4.4								

Wavelength: 280 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.2	7.9								
NIST		0.5	1.8								
NPL		-1.7	3.6								
NRC		0.9	3.7								
PTB		-0.4	1.9								
VNIOFI		0.8	4.6								

Wavelength: 290 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		2.1	8.0								
NIST		0.1	1.9								
NPL		-1.4	4.4								
NRC		1.9	3.8								
PTB		-0.5	2.0								
VNIOFI		-0.1	4.8								

Wavelength: 300 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.9	7.9								
NIST		0.3	1.8								
NPL		-0.2	3.1								
NRC		2.6	3.8								
PTB		-0.9	1.9								
VNIOFI		-1.1	4.6								

Wavelength: 310 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		0.4	6.0								
NIST		0.0	2.0								
NPL		0.5	2.8								
NRC		3.2	3.9								
PTB		-1.2	2.2								
VNIOFI		-2.5	5.0								

Wavelength: 320 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		2.8	5.1								
NIST		-0.5	2.0	3.3	5.4	2.2	5.4	0.2	6.3	4.0	5.4
NPL		0.7	2.0	-3.3	5.4	-1.2	2.7	-3.1	4.2	0.7	2.7
NRC		2.6	3.9	-2.2	5.4	1.2	2.7	-1.9	4.3	1.9	2.8
PTB		-1.2	2.1	-0.2	6.3	3.1	4.2	1.9	4.3	3.8	4.3
				-4.0	5.4	-0.7	2.7	-1.9	2.8	-3.8	4.3
VNIOFI		-2.5	4.8								

Wavelength: 330 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		1.0	5.2								
NIST		-0.8	2.2	1.8	5.5	0.4	5.5	-0.8	6.6	1.5	5.6
NPL		0.6	2.2	-1.8	5.5	-1.4	2.9	-2.6	4.6	-0.3	3.1
NRC		1.8	4.2	-0.4	5.5	1.4	2.9	-1.2	4.6	1.1	3.1
PTB		-0.5	2.5	0.8	6.6	2.6	4.6	1.2	4.6	2.3	4.7
				-1.5	5.6	0.3	3.1	-1.1	3.1	-2.3	4.7
VNIOFI		-1.8	5.6								

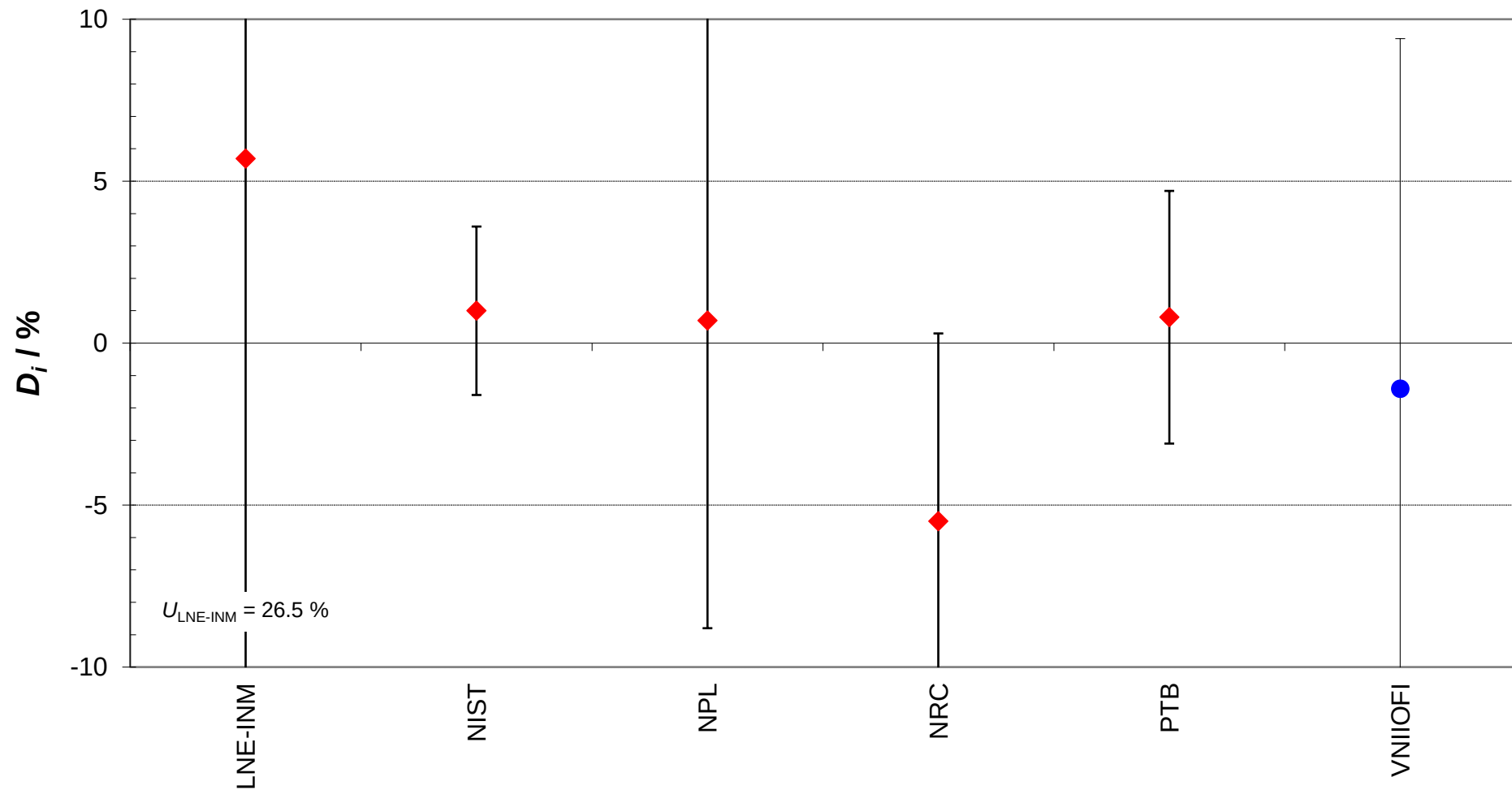
Wavelength: 340 nm

Lab <i>i</i>	D_i U_i / %	Lab <i>j</i> →									
		LNE-INM		NIST		NPL		NRC		PTB	
		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
		/ %		/ %		/ %		/ %		/ %	
LNE-INM		3.5	5.0								
NIST		-1.2	2.2	4.6	5.3	2.7	5.3	0.1	6.8	4.5	5.5
NPL		0.8	2.2	-4.6	5.3	-1.9	2.9	-4.5	5.1	-0.1	3.1
NRC		3.3	4.7	-2.7	5.3	1.9	2.9	-2.6	5.1	1.8	3.1
PTB		-1.0	2.5	-0.1	6.8	4.5	5.1	2.6	5.1	4.4	5.2
				-4.5	5.5	0.1	3.1	-1.8	3.1	-4.4	5.2
VNIOFI		-2.2	5.6								

Wavelength: 350 nm

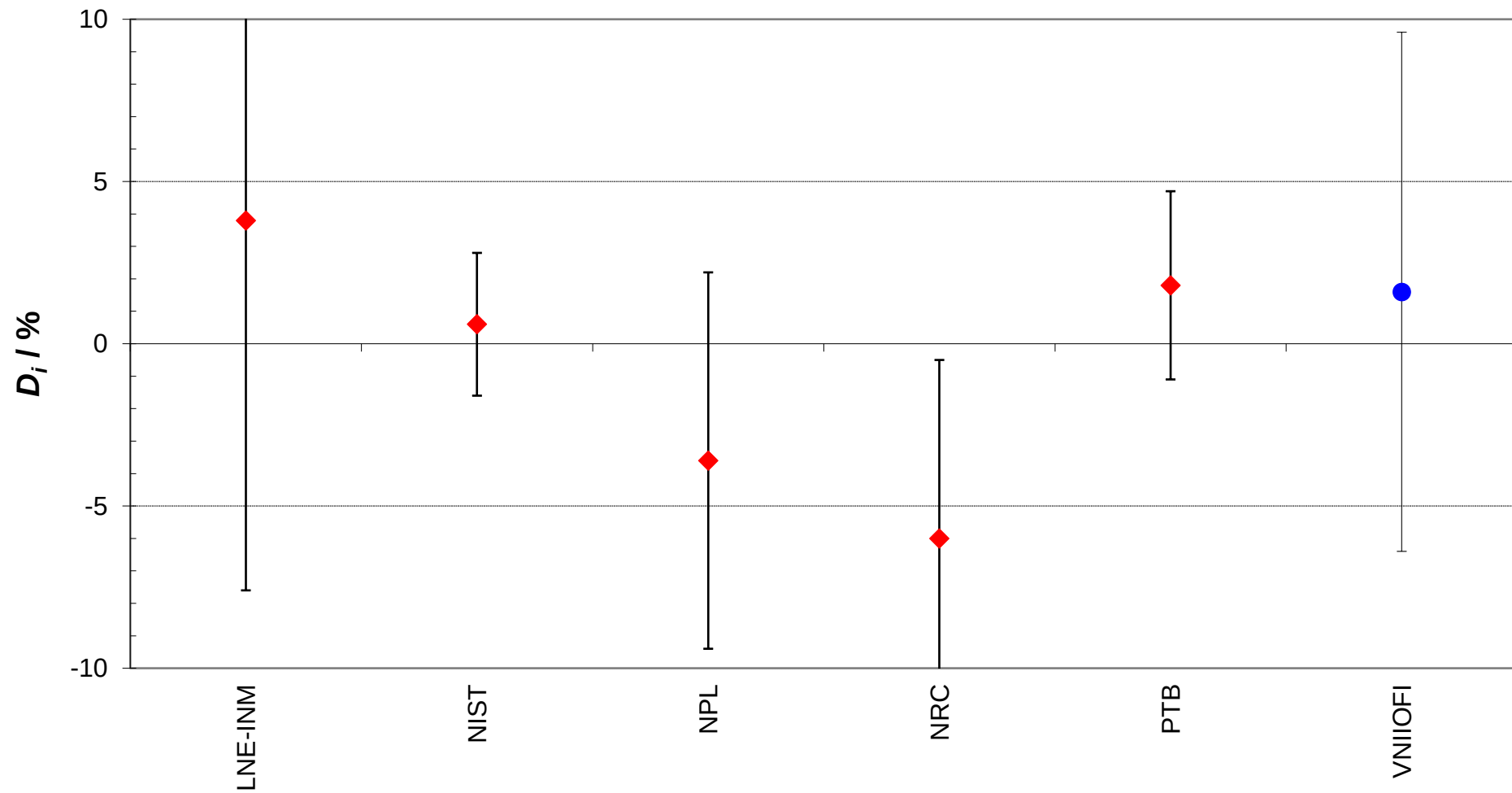
Lab <i>i</i>			Lab <i>j</i> $\Rightarrow$									
	D_i	U_i	LNE-INM		NIST		NPL		NRC		PTB	
	$I\%$		D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}	D_{ij}	U_{ij}
			$I\%$		$I\%$		$I\%$		$I\%$		$I\%$	
LNE-INM	0.4	3.9			0.4	4.6	0.6	4.5	-5.6	7.0	2.2	5.1
NIST	0.0	2.7	-0.4	4.6			0.2	3.6	-6.0	6.5	1.8	4.3
NPL	-0.2	2.6	-0.6	4.5	-0.2	3.6			-6.2	6.4	1.6	4.2
NRC	6.0	6.0	5.6	7.0	6.0	6.5	6.2	6.4			7.8	6.9
PTB	-1.8	3.6	-2.2	5.1	-1.8	4.3	-1.6	4.2	-7.8	6.9		
VNIIOFI	-2.5	8.0										

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 200 nm
Degrees of equivalence, D_i , and expanded uncertainty U_i at a 95% level of confidence



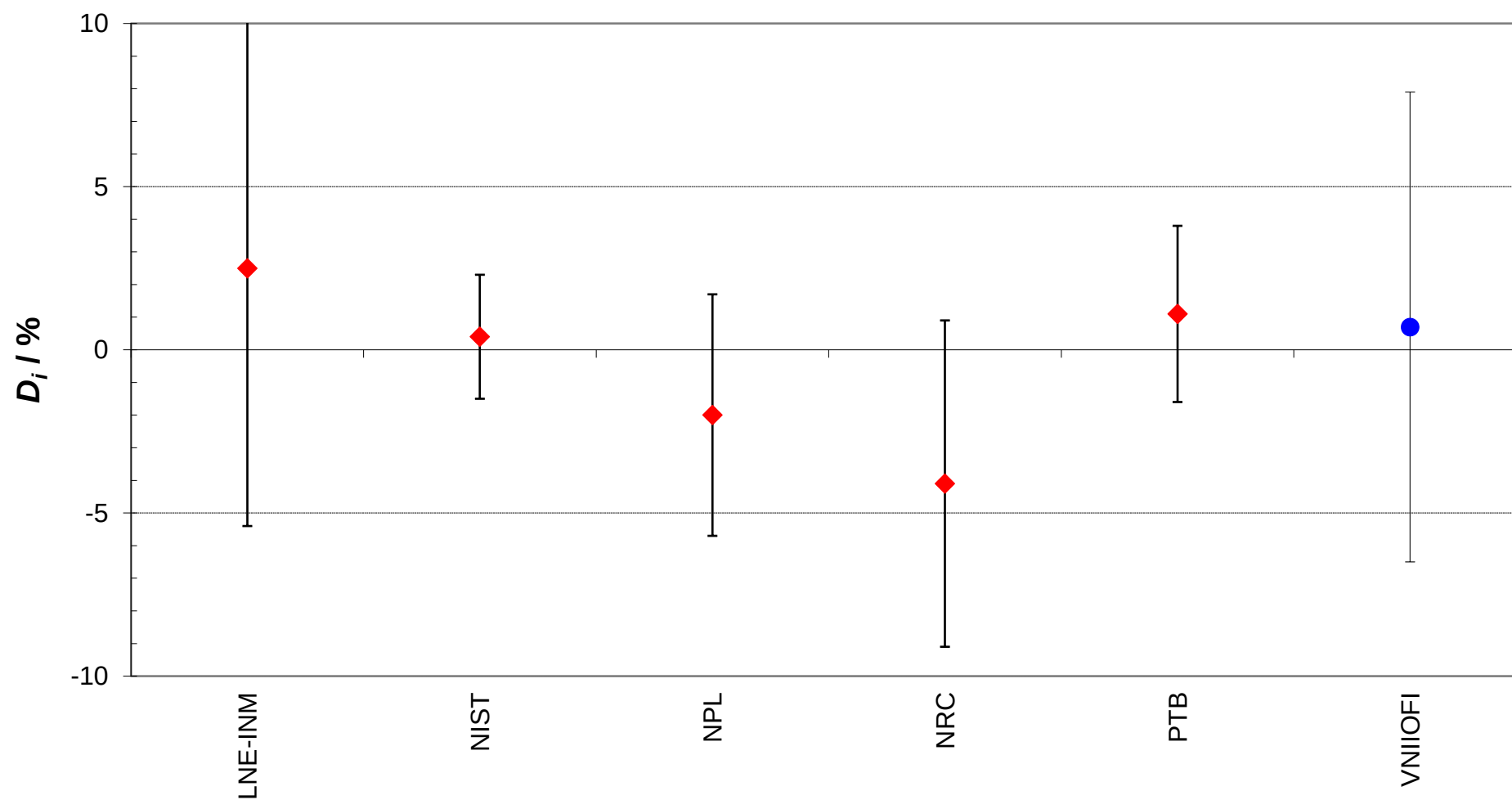
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 210 nm
Degrees of equivalence, D_i , and expanded uncertainty U_i at a 95% level of confidence



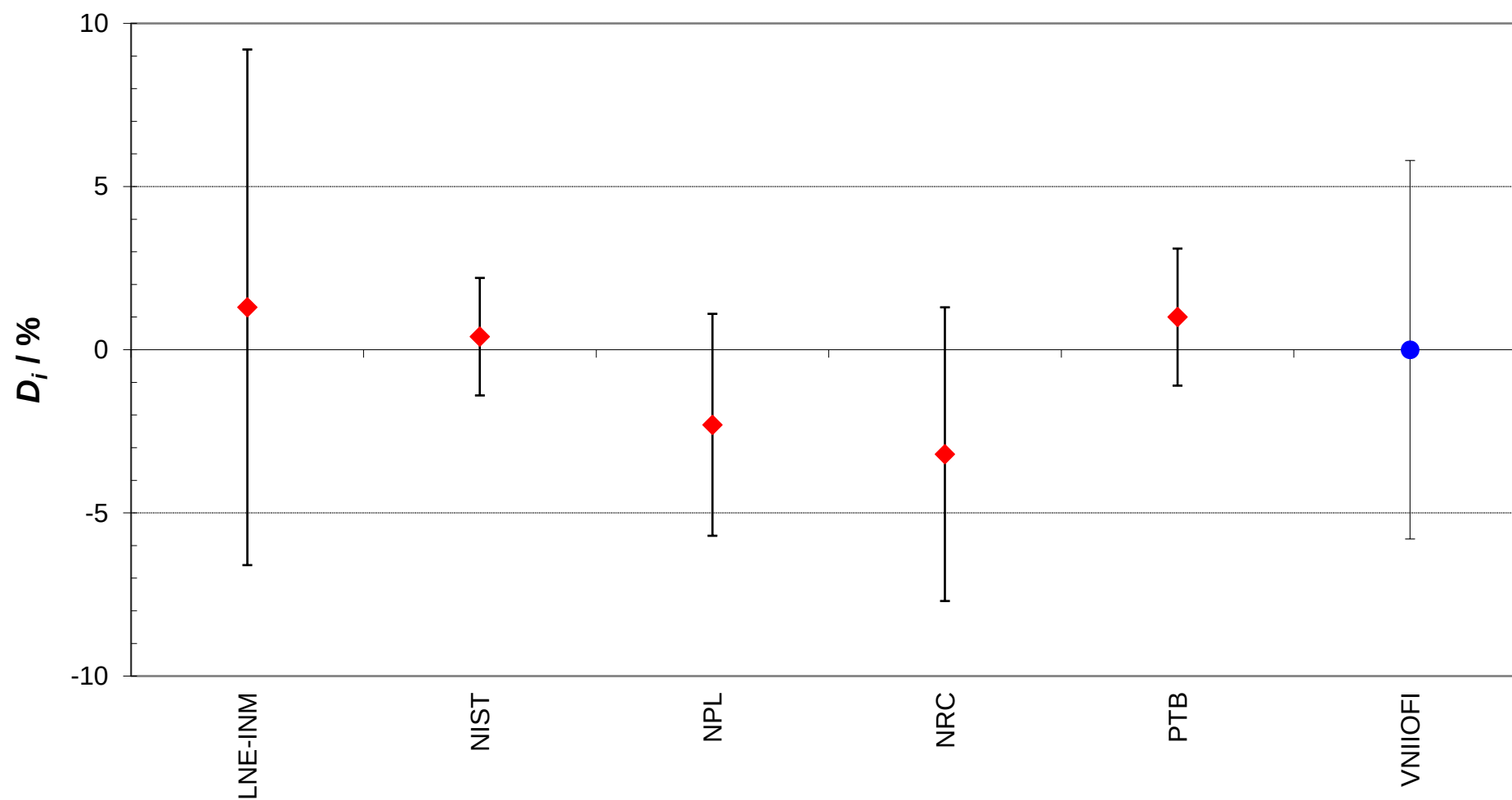
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 220 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



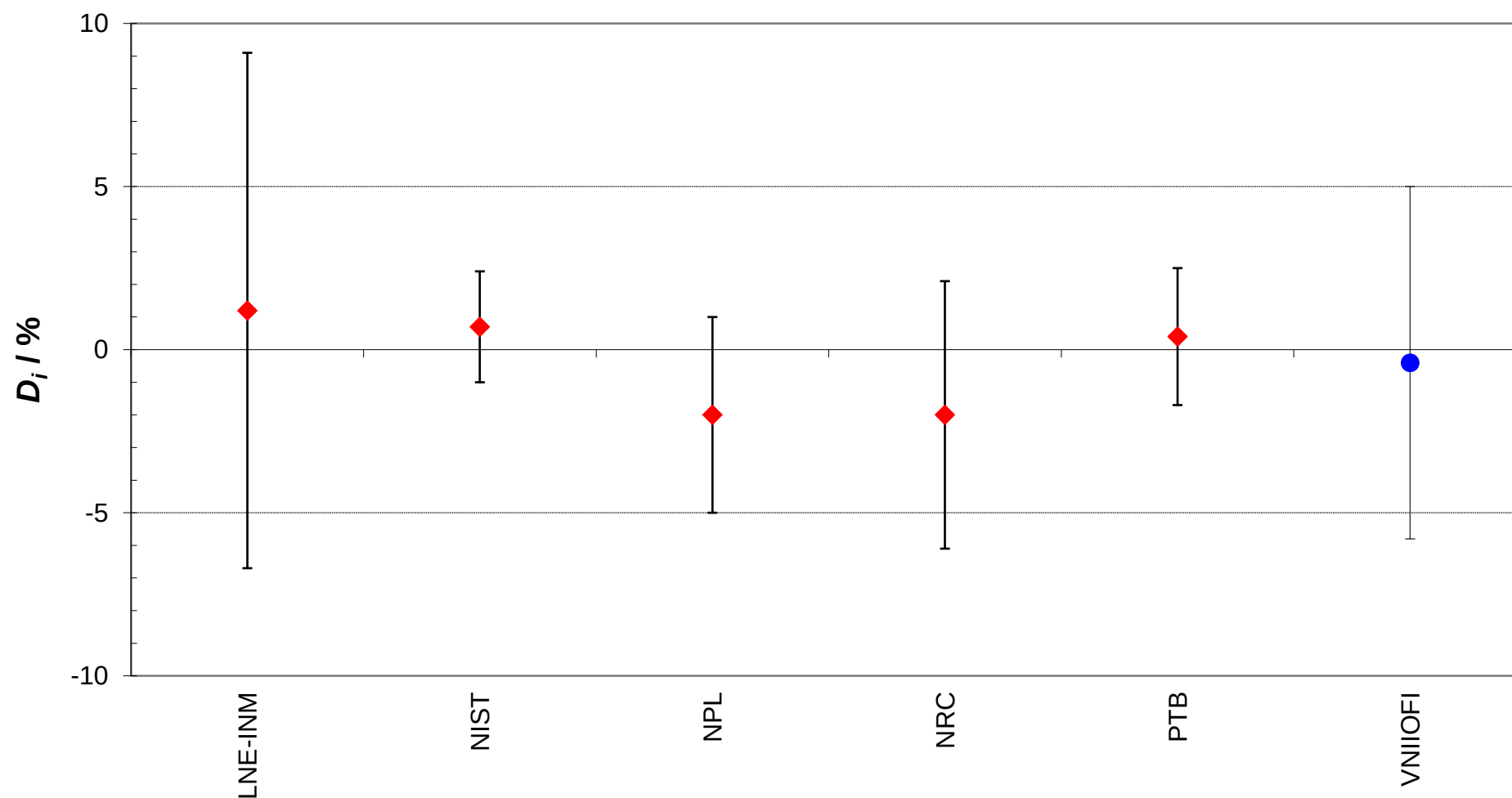
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 **Spectral irradiance at 230 nm**
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



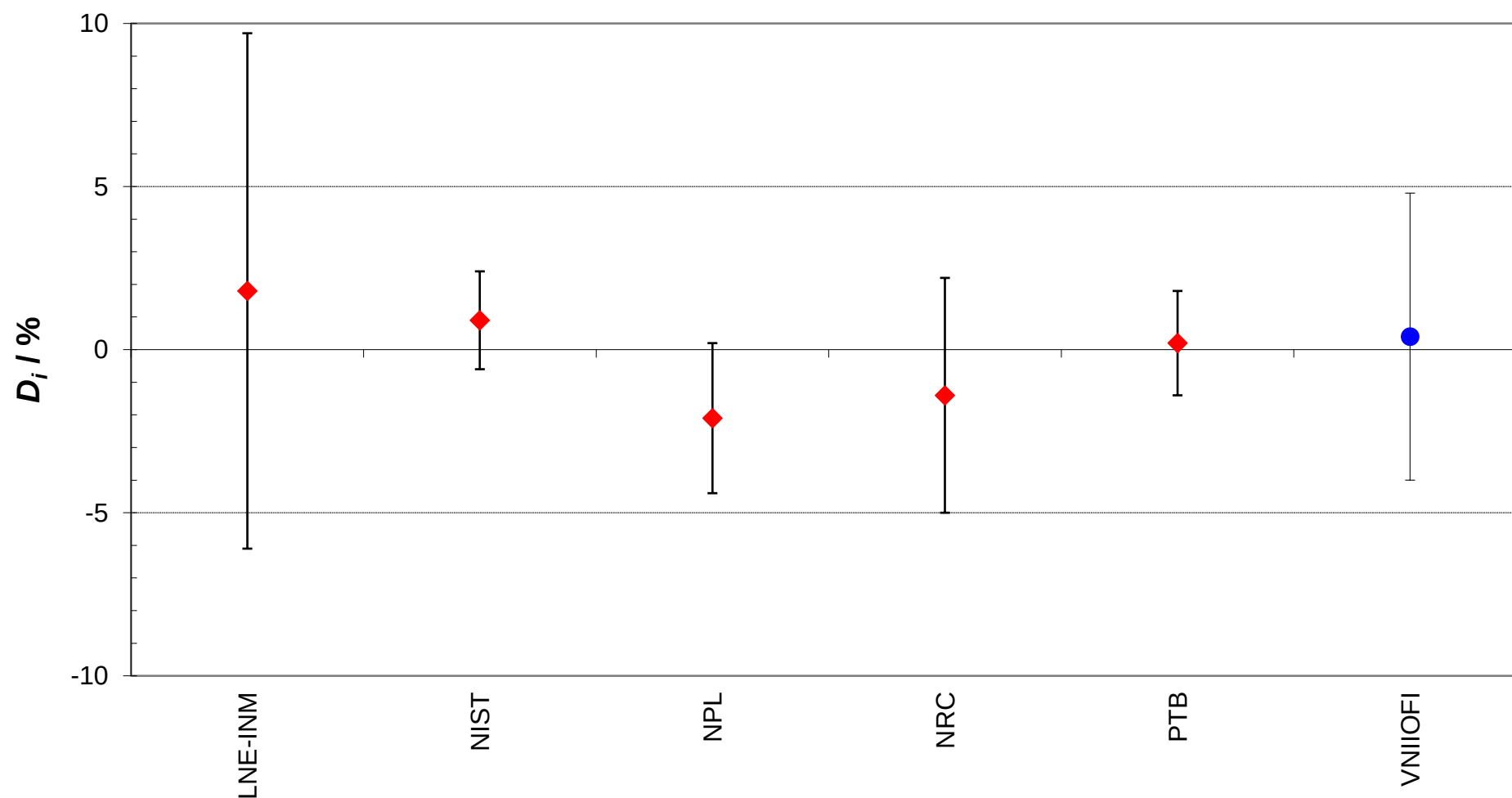
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 240 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



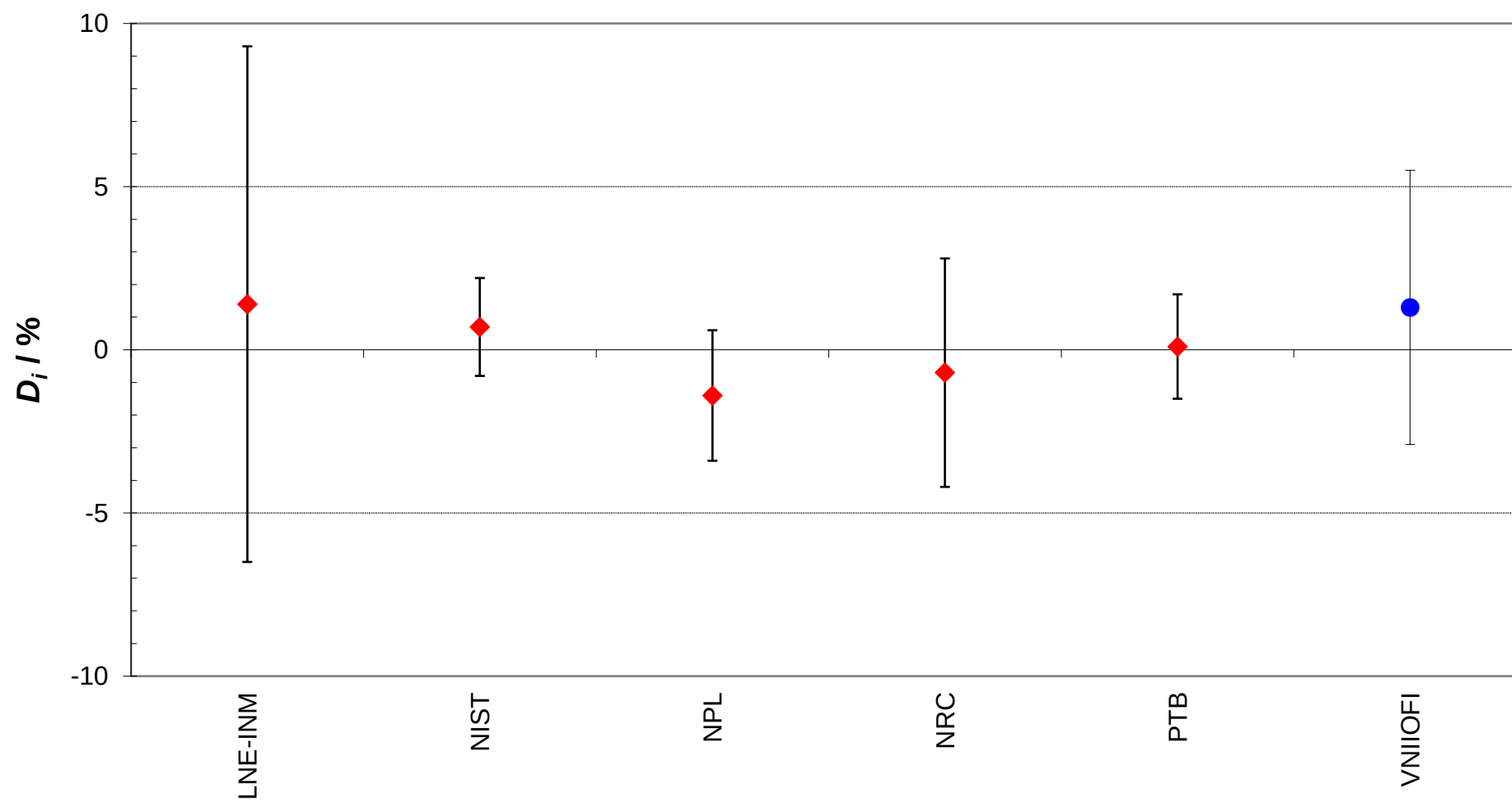
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 250 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



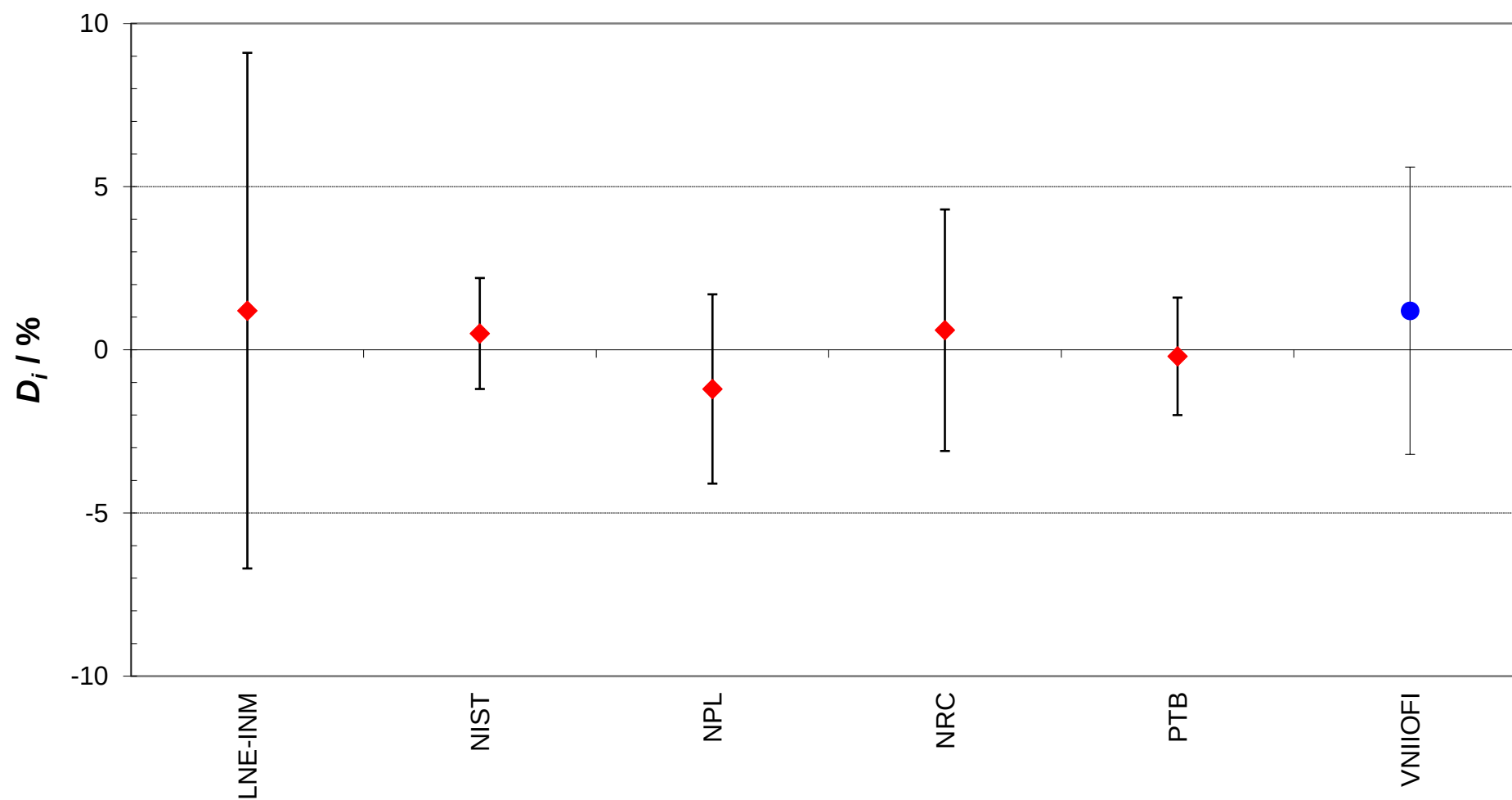
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 260 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



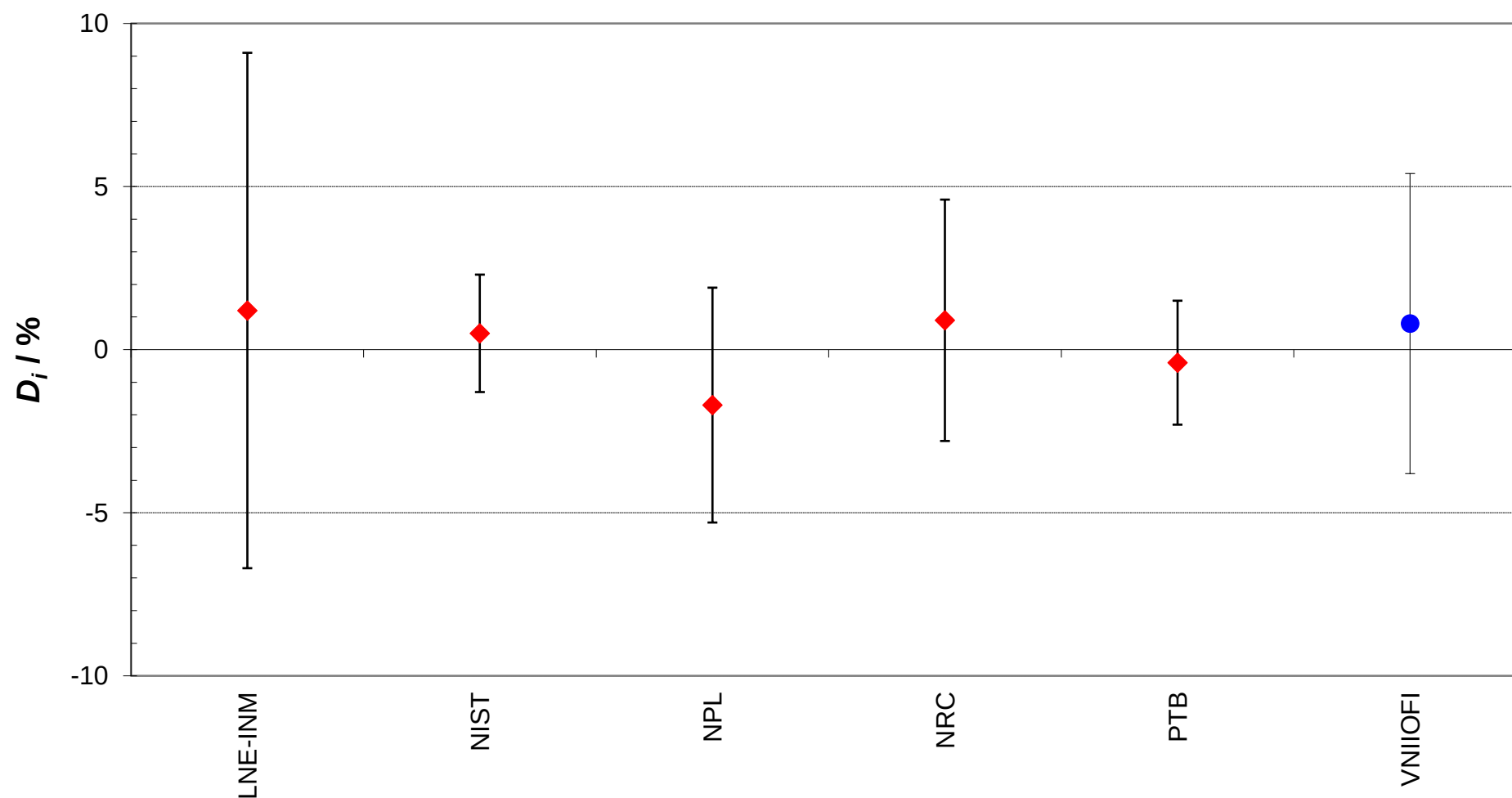
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 270 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



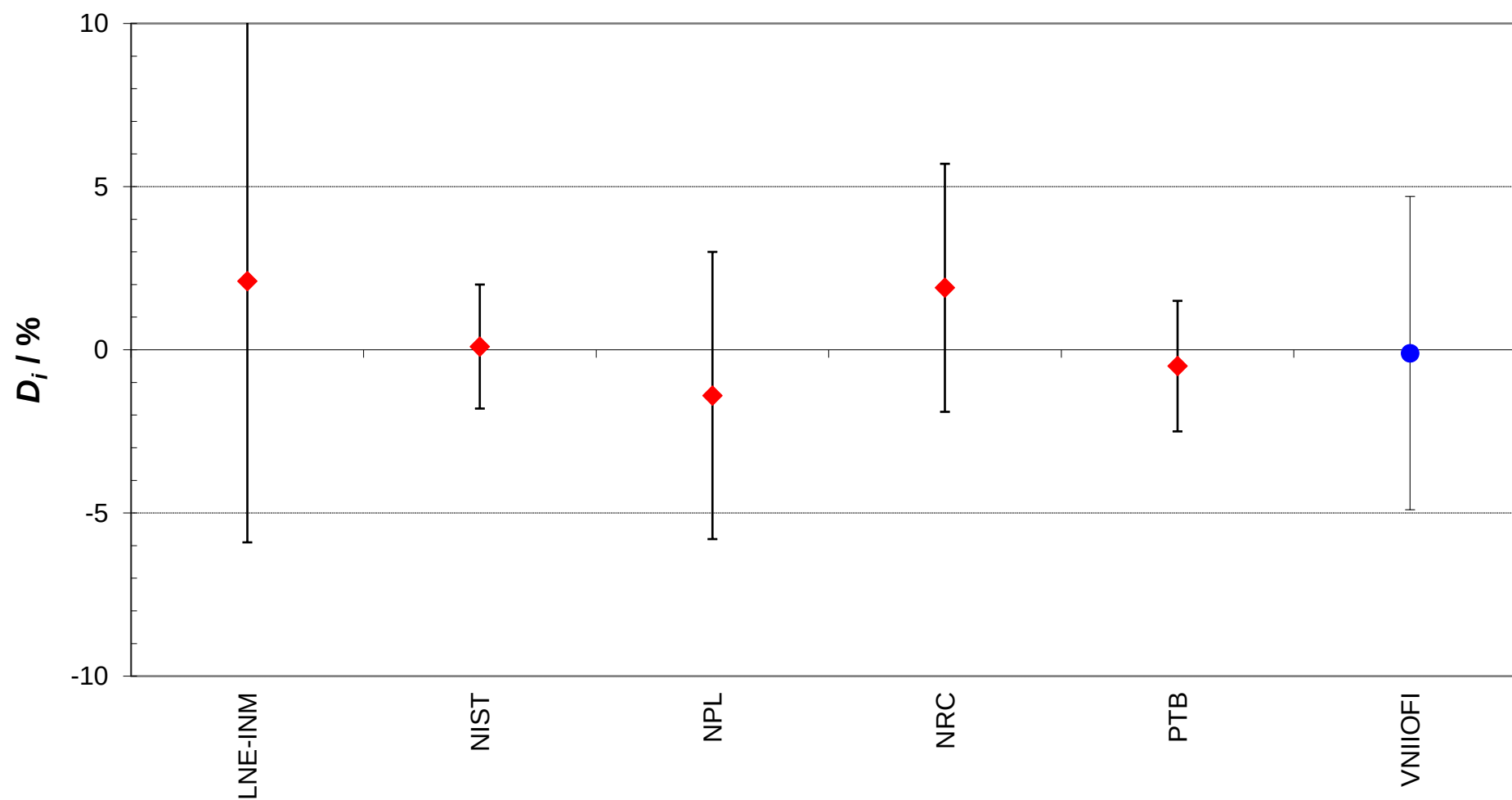
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 280 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



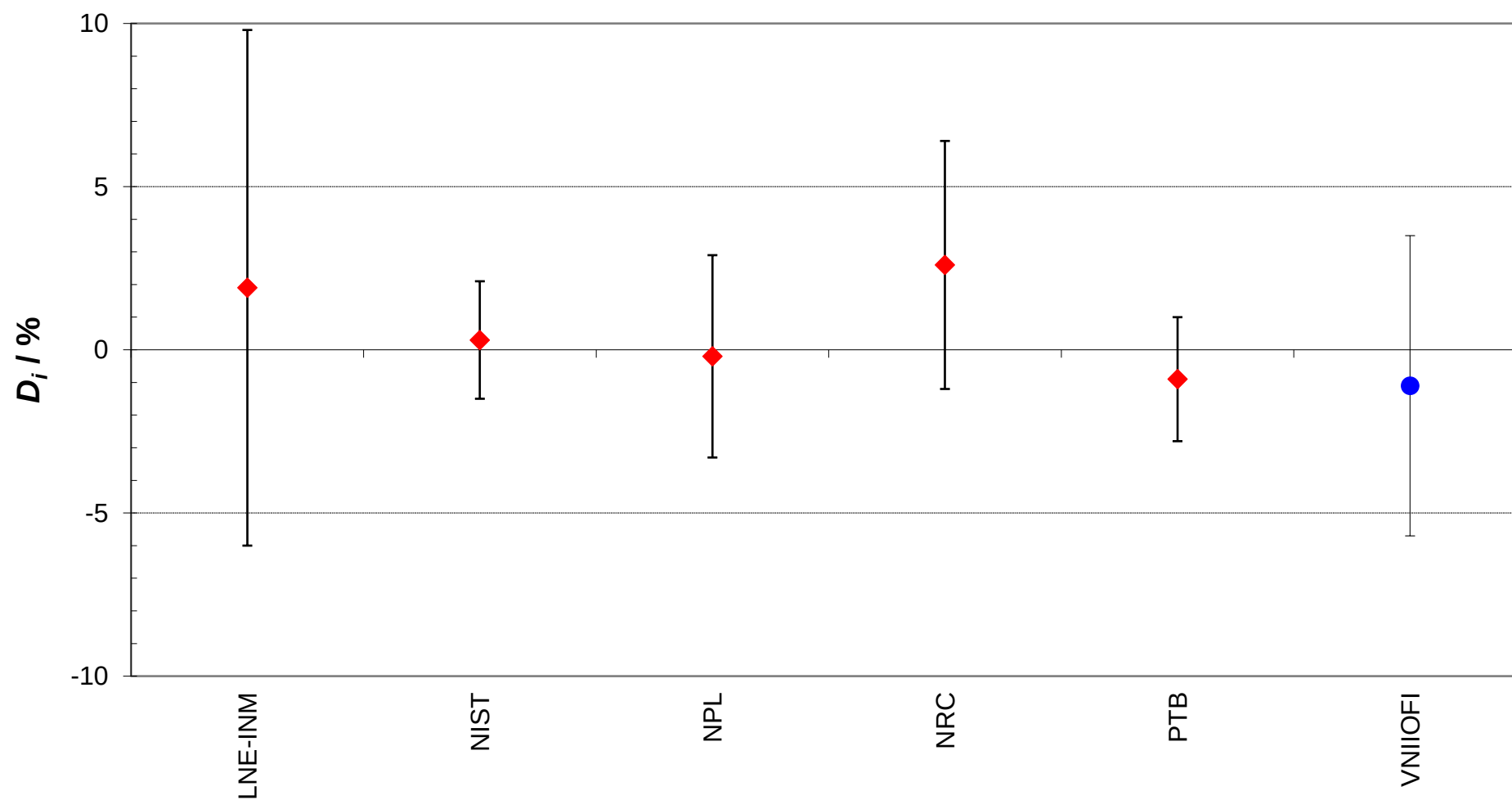
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 290 nm
Degrees of equivalence, D_i , and expanded uncertainty U_i at a 95% level of confidence



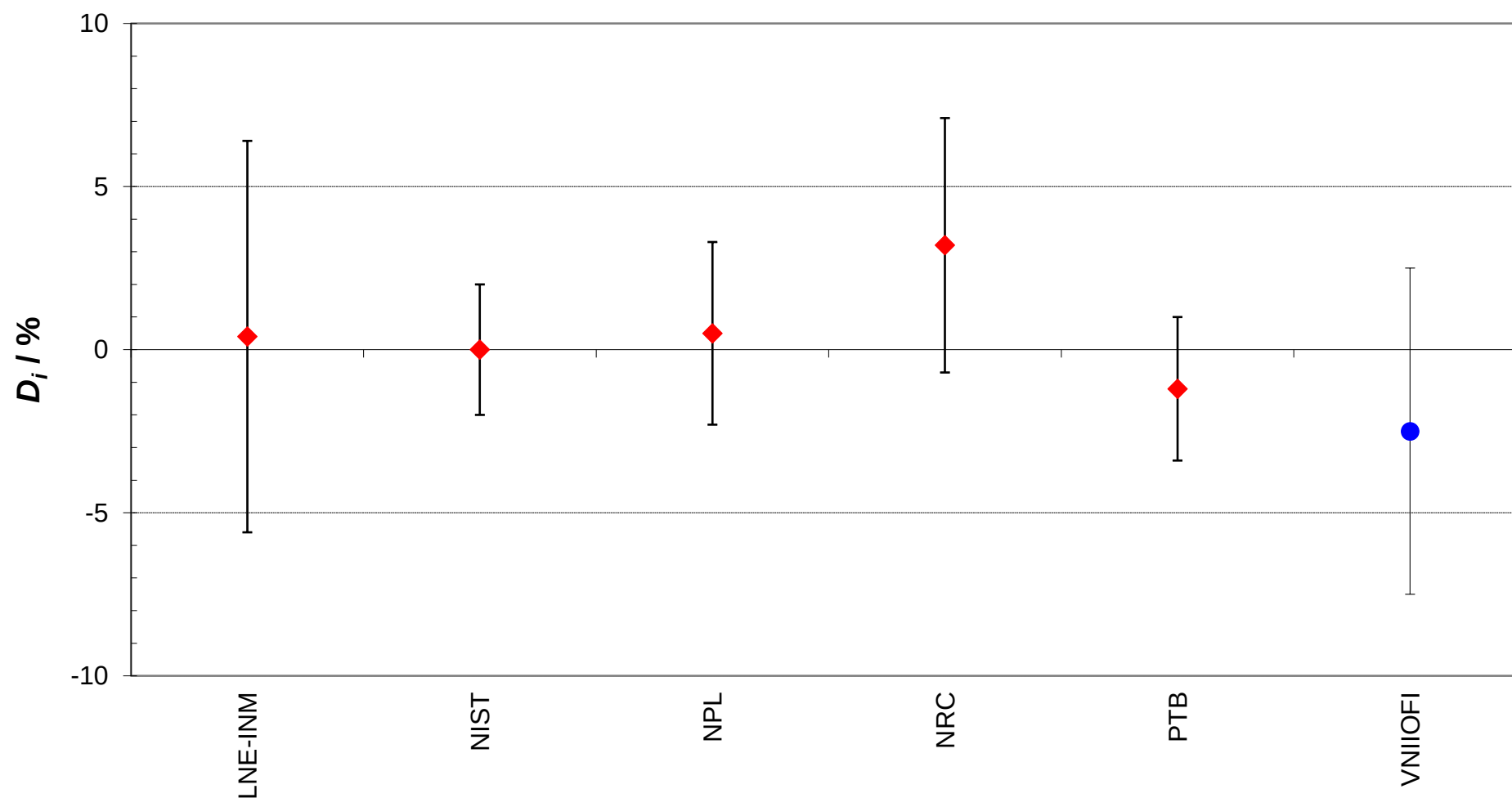
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 300 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



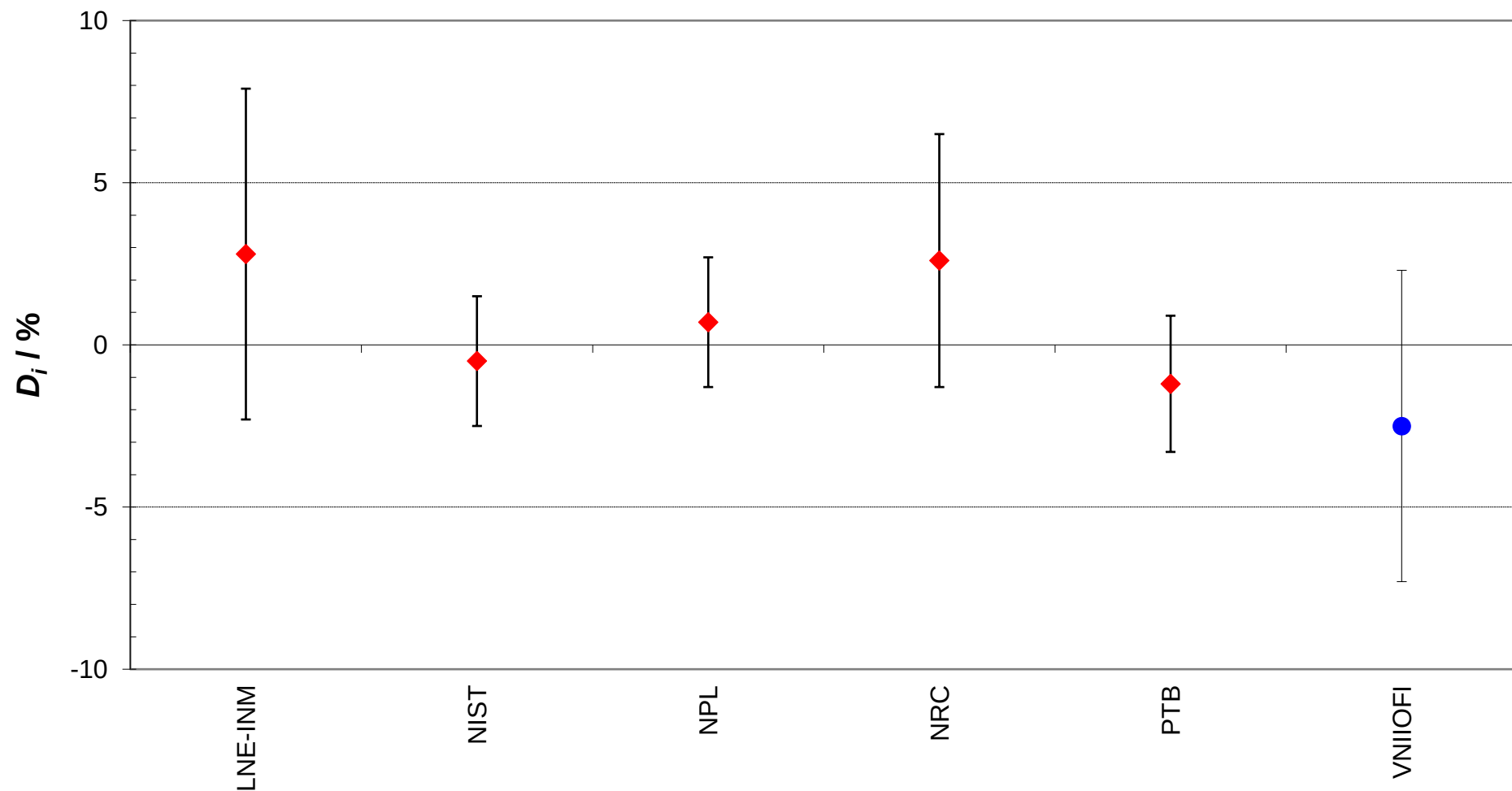
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 310 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



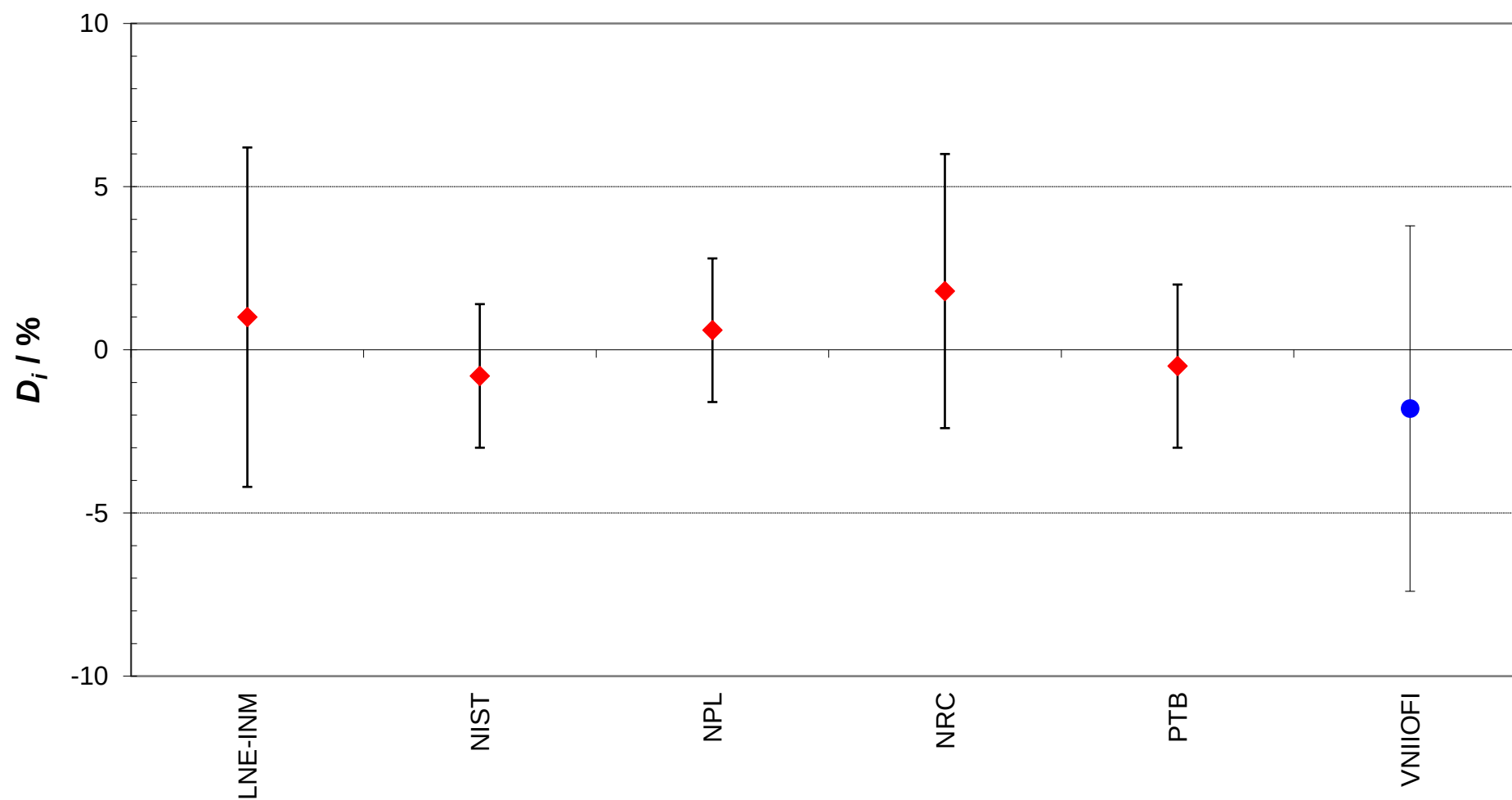
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 320 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



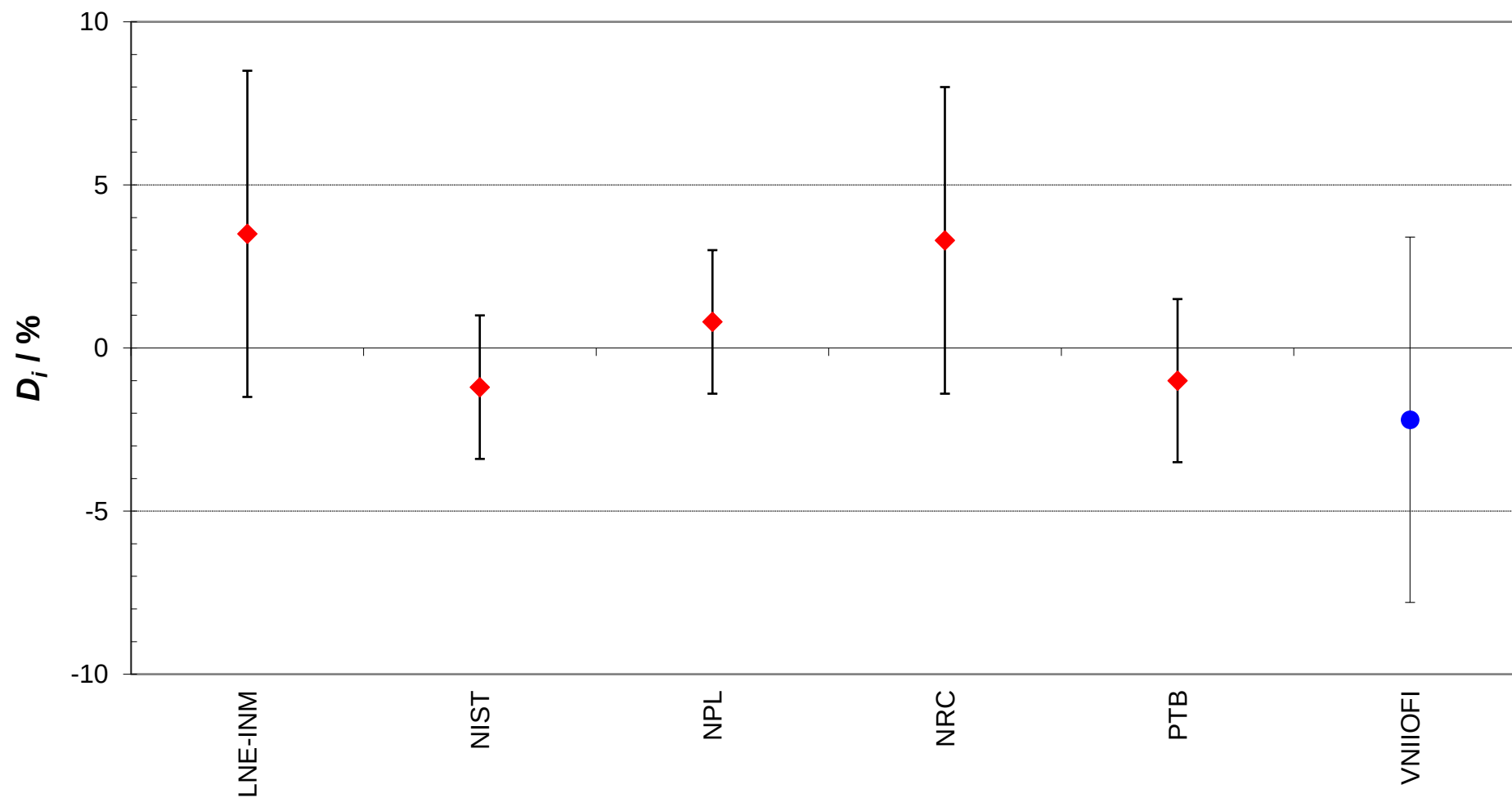
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 330 nm
Degrees of equivalence, D_i , and expanded uncertainty U_i at a 95% level of confidence



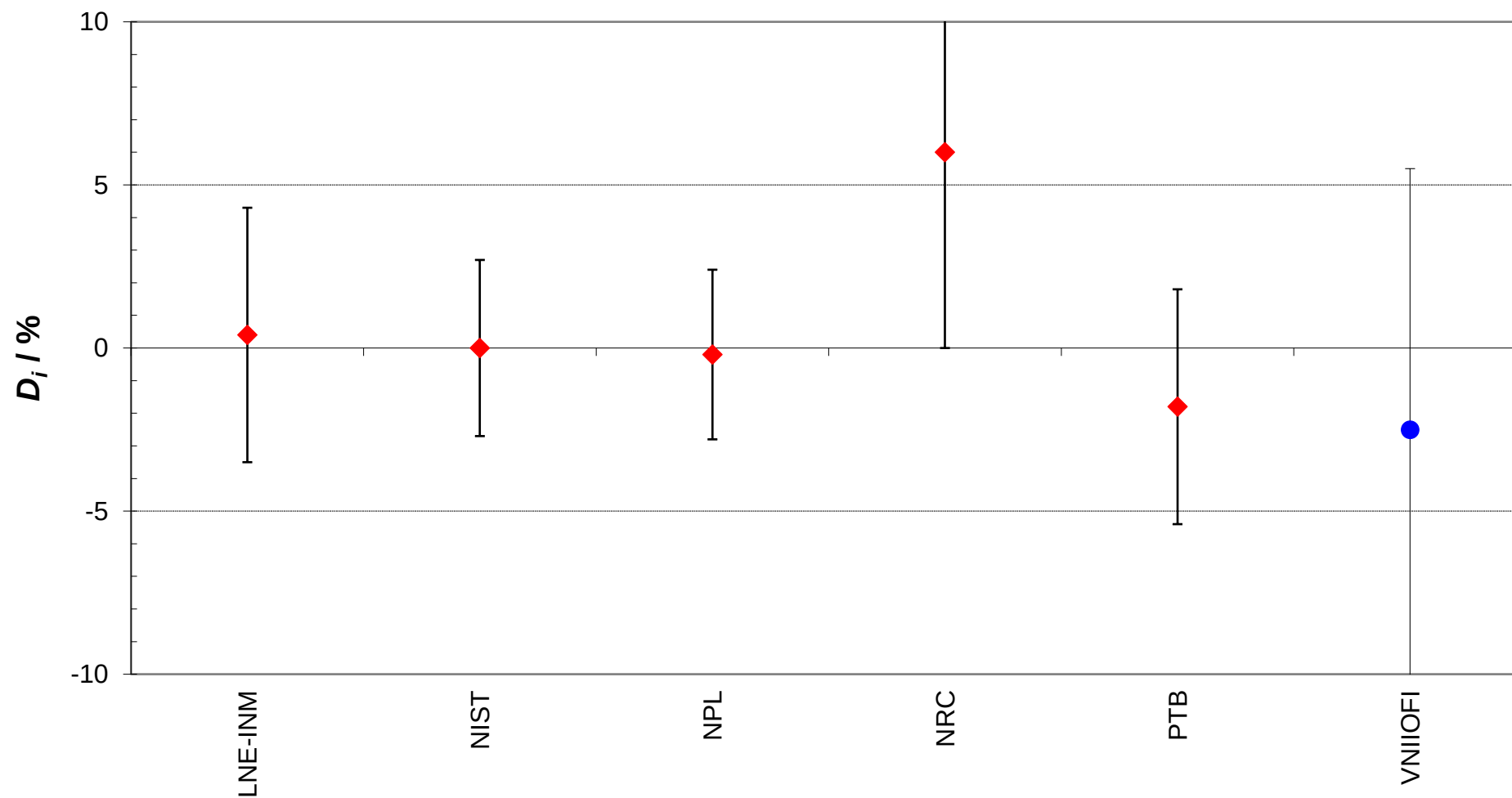
Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 340 nm
Degrees of equivalence, D_i and expanded uncertainty U_i at a 95% level of confidence



Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1

CCPR-K1.b and COOMET.PR-K1.b.1 Spectral irradiance at 350 nm
Degrees of equivalence, D_i , and expanded uncertainty U_i at a 95% level of confidence



Red diamonds : participants in CCPR-K1.b; **Blue circle**: participant in COOMET.PR-K1.b.1