

No.	Source of Uncertainty	Input Magnitude	Original Uncertainty	Type, Distribution	Contribution (°C <sup>-1</sup> )
1	Number of Transitions N	125	-	-	$48,0 \times 10^{-9}$
1a	Maximum N Error	-	$\pm 1$	B, Rectangular	$48,0 \times 10^{-9}$
2	Wavelength $\lambda$	532 nm	-	-	$281,9 \times 10^{-9}$
2a	Maximum $\lambda$ Error	-	$\pm 25$ nm	B, Rectangular	$281,9 \times 10^{-9}$
3	Initial Length L <sub>0</sub>	80 mm	-	-	$3,7 \times 10^{-9}$
3a	Maximum L <sub>0</sub> Error	-	$\pm 0,05$ mm	B, Rectangular	$3,7 \times 10^{-9}$
4	Object Temperature T	60 °C	-	-	$75,0 \times 10^{-9}$
4a	Maximum T Error	-	$\pm 0,5$ °C	B, Rectangular	$75,0 \times 10^{-9}$
5	Temperature of Reference T <sub>0</sub>	20 °C	-	-	$75,0 \times 10^{-9}$
5a	Maximum T <sub>0</sub> Error	-	$\pm 0,5$ °C	B, Rectangular	$75,0 \times 10^{-9}$
-	Coefficient of Thermal Expansion	$1,039 \times 10^{-5}$ °C <sup>-1</sup>	-	Normal	$u(\alpha) = 305,1 \times 10^{-9}$
Coefficient of thermal expansion ( $\alpha$ ) = $(1,039 \pm 0,062) \times 10^{-5}$ °C <sup>-1</sup> (k=2)					