metre

SI base unit for length (symbol: m). The metre is the length of path travelled by light in vacuum during a time interval of $\frac{1}{299\,792\,458}$ of a second.

Source:
Green Book, 2nd ed., p. 70
PAC, 1996, 68, 957 (Glossary of terms in quantities and units in Clinical Chemistry (IUPAC-IFCC Recommendations 1996)) on page 981