

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