# Refractive Index

The Refractive Index Determination Test is designed to measure the ratio of the velocity of light in air to that in the sample. In isotropic substances, the refractive index is a constant peculiar to each substance at a definite wavelength, temperature, and pressure. This measurement is applicable to purity tests.

The refractive index $\left(n_D^t\right)$ means the refractive index of the sample to air, when the D line of the sodium spectrum is used for irradiation, and the measurement is carried out at t℃. Unless otherwise specified, refractive index is measured at a temperature in the range of ±0.2℃ of that specified in the individual monograph.