

## Technical Data Sheet



Bromonaphthalene nD = 1.51678 Refractive index standard kit is the calibration standards are for the calibration of refractometers. This refractive index standard kit is measured by means of an Abbe type refractometer or other type refractometers.

### Features:

- Stable solutions with minimum shelf life of 3 years
- Ready-to-use solutions
- Each standard kit is packed with a Technical Data Sheet
- Applicable at 20°C measuring temperature
- According to EUROPEAN PHARMACOPOEIA 2.2.6 Refractive index
- Including bottle of 2ml 1-Bromonaphthalene and glass block with nD=1.51678

### Instructions for use:

- 1.) Rinse a suitable pipette, e.g. Pasteur pipette of glass / plastic syringe, then drop 1-2 drops of Bromonaphthalene on the cleaned measuring surface of the refractometer.
- 2.) Put glass block on the top of Bromonaphthalene drops, make sure the words nD=1.51678 face up.
- 3.) The measurement is performed acc. to recommendations given by the instrument manufacturer (consider stability of temperature).

The certified value of the refractive index is measured lot specifically. Effective values can be found in the lot specific Certificate of Analysis. The measurement uncertainty is shown in the table below. Effective values of refractive index are always in the range shown as specification in the table below. Method of analysis is refractive index measured by an Abbe type refractometer.

Part Number	Substance	Specification	Uncertainty
nD-1.51678	Bromonaphthalene	nD=1.51678 at 20°C	± 0.00010