

## 1. Starting the program

Start the program „NextStep Apo-Ident“ by double-clicking on the desktop icon. The Apo-Ident user interface opens.

**Note:** If the internal unit temperature is too low, a warm-up program is started automatically. When the temperature of at least 20°C is reached, the system is ready to start.

## 2. Selection of the pharmacy

Choose your stored pharmacy under **Configuration profile**, if you have more than one configuration profile.

**Note:** Our detailed instructions on **Section 1.5.1** explain how to create a configuration profile.

## 3. Selection of the substance

Under **Substance**, enter the name of the substance to be tested in the search field, e.g. Fructose. The monograph name, the Latin name, synonyms stored in the database, and the classifier, in this case “APIs & excipients, solid”, are now displayed.

**Note:** The software shows suggestions to you as you enter the first few letters. You can choose the correct substance from the suggested options.

## 4. Measuring by substance category

### 4.1 APIs & excipients (solid) and narcotic substances (solid)

#### Start measurement

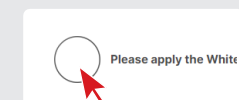
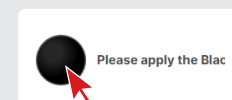
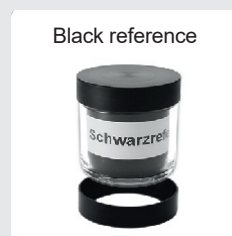
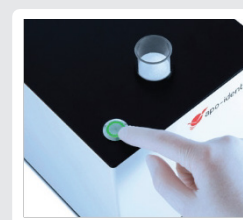
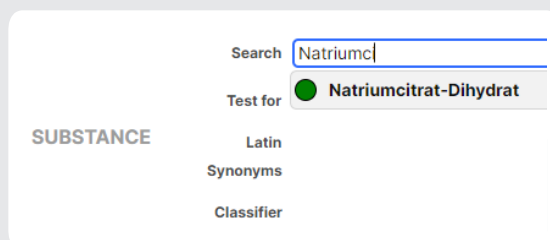
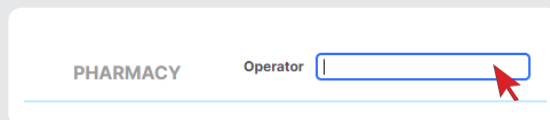
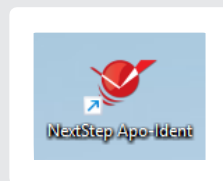
First place your **sample container containing the substance** (filling height 4 mm) and the **adapter ring** on the measurement point. Start the measurement process by clicking on the button next to **Measurement** or by pressing the measurement button (lights up green) directly on top of the device.

**Note:** Some substances can also be identified with smaller quantities. The appropriate procedure can be found in our detailed operating instructions on **Section 2.1.1**.

#### Referencing

After the first substance measurement, you will be asked to place the reference standards onto the measurement point. Follow the instructions of the software and first place the black reference, followed by the white reference on the measurement point. Start the reference measurements by clicking on the black or white button next to **Measurement**.

**Note:** Please always use the black adapter ring. The measurement of the references is requested again by the software after approx. 60 min.



## 4.2 APIs & excipients (semisolid/liquid)

### Transflectance reference measurement

Start with the transflectance reference measurement. Place the clean **transflectance insert** with the feet pointing downwards in a clean, **empty sample container**. Using the adapter ring, place the sample container, with the transflectance insert, onto the Apo-Ident device's measurement point. Start the **transflectance reference measurement** by clicking on the grey button or by pressing the button directly on the device.

**Important:** Both the transflectance reference measurement as well as the measurement of the liquid/ointment or emulsion must be carried out with the same transflectance insert and sample container. Otherwise, identification may not be possible.

**Note:** After successful transflectance reference measurement, a time frame of 5 min. is provided for starting the substance measurement. If the measurement is not carried out during this period, the transflectance insert reference measurement must be repeated.

### Referencing

After the transflectance reference measurement, you will be asked to place the supplied reference standards onto the measurement point. Please follow the instructions on referencing under 4.1 of the Quick start guide.

### Start measurement

Place your **sample container with the substance** and the **transflectance insert** as well as the **adapter ring** on the measurement point. Start the measurement process by clicking on the button next to **Measurement** or by pressing the measurement button (lights up green) directly on top of the device.

**Note:** Make sure that you press the measurement transflectance insert with the feet downwards onto the bottom of the sample container so that no air bubbles are visible, but all 3 feet of the transflectance insert are visible.

## 5. Result

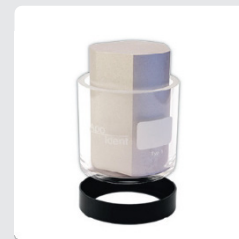
After a few seconds, the device shows you whether the substance has been identified. **Note:** If the result is negative, please read the further information on non-identification. Check or repeat your measurement procedure accordingly.

## 6. Report details

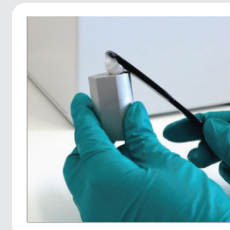
After successful measurement, fill in all mandatory fields (marked with a red frame) next to the Sample as well as Operator. Under Result, you may fill in Comment and Additional tests, if required. Please note that only after filling out all mandatory fields can you create the report.

## 7. Creating the report

Now you can save the measurement result, view the test report as a PDF file, or print it out. **Note:** No matter which function you select, the measurement result will be saved in any case. In addition, you may also print your test label on your label printer



Place the Transflectance Insert feet facing



Black reference



White reference



Please apply the Black



Please apply the White

RESULT	Name	Cannabisblüten, CBD-dominanter Typ	
	NIR Result	Match	Rating 100.0% (Limits 98% to 100%)
	Comment		
	Additional Tests		

PPN	<input type="text"/>	Expiry Date	<input type="text"/>
Producer	<input type="text"/>	Quantity	<input type="text"/>
Batch	<input type="text"/>	Correction Factor	<input type="text"/>
Supplier	<input type="text"/>		

REPORT