



Edition: BP 2025 (Ph. Eur. 11.6 update)

Light Liquid Paraffin Eye Drops

[General Notices](#)

DEFINITION

Light Liquid Paraffin Eye Drops are Light Liquid Paraffin in a suitable container.

The eye drops comply with the requirements stated under Eye Preparations and with the following requirements.

TESTS

Acidity or alkalinity

To 10 mL add 20 mL of boiling [water](#) and shake vigorously for 1 minute. Separate the aqueous layer and filter. To 10 mL of the filtrate, add 0.1 mL of [phenolphthalein solution](#). The solution is colourless. Not more than 0.1 mL of [0.1M sodium hydroxide VS](#) is required to change the colour to pink.

[Relative density](#)

0.810 to 0.875, [Appendix V G](#).

[Viscosity](#)

25 mPa.s to 80 mPa.s, [Appendix V H](#), Method II.

Solid paraffins

Dry a suitable quantity of the eye drops by heating at 100° for 2 hours and cool in a desiccator over [sulfuric acid](#). Place in a glass tube with an internal diameter of about 25 mm, close the tube and immerse in a bath of iced water. After 4 hours, the liquid is sufficiently clear for a black line, 0.5 mm wide, to be easily seen against a white background held vertically behind the tube.

STORAGE

Light Liquid Paraffin Eye Drops should be protected from light.