

Product Name :
Distillation of Cut Back Bitumen with Energy Regulator

Product Code :
CHINAELABC5440007



Description :

Distillation of Cut Back Bitumen with Energy Regulator

Technical Specification :

Scope:

This apparatus is used for the examination of cut-back asphaltic materials by the distillation test.

Consists of following parts and accessories:

Distillation Flask

Capacity: 500mL

Type: Side-arm type having the dimensions shown in Fig. 1 of ASTM D402.

Condenser

Type: Standard glass-jacketed,

Length: 200 to 300 mm

Overall tube length: 450 ± 10 mm

Electric heater with Digital Temperature controller

Electric heater with Energy Regulator PT-100 Sensor.

Adopter

Heavy-wall (1-mm) glass, with reinforced top, having an angle of approximately 105° .

The inside diameter at the large end will be approximately 18 mm, and at the small end, not less than 5 mm.

The lower surface of the adapter will be on a smooth descending curve from the larger end to the smaller.

Shield

Lined with 3-mm fire proof insulation and fitted with transparent mica windows, of the form and dimensions shown in Fig. 2 of ASTM D402.

It is used to protect the flask from air currents and to reduce radiation.

The cover (top) will be made in two parts of 6.4-mm (1/4-in) fire proof insulation.

Flask and shield support

Two 15 cm² sheets of 16-mesh Chromel wire gauze on a tripod or ring.

Receiver

100 ml graduated glass cylinder as receiver

Thermometer

Glass Thermometer ASTM 8C

Thermometer holder

Silicon rubber stoppers



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