



Al's Oil - 250 ml

Microbatch crystallization

Product codes:

Reference: HR 3413

Al's Oil

Product gallery:



Product description:

- Under oil crystallization
- Protect the sample from oxidation
- Screen different temperatures without condensation

Oils used for microbatch and modified microbatch crystallization under oil.

Al's Oil is a 50:50 (volume:volume) mixture of Paraffin Oil and Silicon Oil. Al's Oil is named after it's inventor, Allan D'Arcy.

Paraffin oil

Synonym: Mineral oil

CAS Number: [8042-47-5]

EC Number: 232-455-8

RTECS: PY8047000

MDL Number: MFCD00131611

Appearance: Colorless, clear, viscous liquid

Refractive Index n_{20/D}: 1.467 (literature) n_{20/D} 1.468

IR Spectroscopy Grade

Density: 0.838 g/mL at 25°C (literature) 0.85 g/ml at 20°C

Viscosity: 40-42 CST at 25°C



Silicon Oil

Synonyms: Octamethyltrisiloxane

CAS Number: [107-51-7]

Appearance: Colorless, clear viscous liquid

Melting Point: -86°C

Boiling Point: 152°C

Refractive Index: 1.38 at 25°C

Viscosity: 1 CST at 25°C

Specific Gravity: 0.82 at 25°C

Density: 0.82 g/mL at 25°C

Surface Tension: 17.4 mN/m

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

Product features:

CRF - TIPO: Paraffin & Silicon Oil