

Rheometer

Bil.	Type of Analysis	Probe/ Geometry	Buffer	Run Time/ Method	Total Run Time (Min)	Schedule
1.	Gelatin	Cone & Plate (Cone diameter 60mm)	Paraffin Oil	Temperature Ramping (10 - 60°C_ 2°C/min)	50 – 60 min (8 sample per day)	Januari 2017 (18 – 22 Jan) Febuari 2017 (1 – 5 Feb) Mac 2017 (1 – 4 Mac) April 2017 (4 – 8 April)

LABORATORI PENYELIDIKAN SAINS HALAL (LAPSAH)

				Viscosity (25°C)	10 – 20 min (16 Sample per day)	<p>Januari 2017 (18 – 22 Jan)</p> <p>Febuari 2017 (1 – 5 Feb)</p> <p>Mac 2017 (1 – 4 Mac)</p> <p>April 2017 (4 – 8 April)</p>
				Temperature Sweep (25°C)	40 – 50 min (9 sample per day)	<p>Januari 2017 (18 – 22 Jan)</p> <p>Febuari 2017 (1 – 5 Feb)</p>

LABORATORI PENYELIDIKAN SAINS HALAL (LAPSAH)

						<p>Mac 2017</p> <p>(1 – 4 Mac)</p> <p>April 2017</p> <p>(4 – 8 April)</p>
				<p>Frequency Sweep (25°C)</p>	<p>40 – 50 min</p> <p>(9 sample per day)</p>	<p>Januari 2017</p> <p>(18 – 22 Jan)</p> <p>Febuari 2017</p> <p>(1 – 5 Feb)</p> <p>Mac 2017</p> <p>(1 – 4 Mac)</p> <p>April 2017</p> <p>(4 – 8 April)</p>

				LVR (25°C)	20 – 30 min (14 sample per day)	<p>Januari 2017 (18 – 22 Jan)</p> <p>Febuari 2017 (1 – 5 Feb)</p> <p>Mac 2017 (1 – 4 Mac)</p> <p>April 2017 (4 – 8 April)</p>
2.	Collagen	<p>i. Cone & Plate (Cone diameter 60mm)</p> <p>ii. Cone & Plate – stainless steel (Cone diameter 40mm)</p>	Paraffin Oil	Viscosity (25°C)	20 – 30 min (14 sample per day)	<p>Febuari 2017 (8 – 12 Feb)</p> <p>Mach 2017 (7 – 11 Mac)</p> <p>April 2017 (11 – 15 April)</p>

				<p>Temperature Ramping (2 - 50°C_1°C/min)</p>	<p>50 – 60 min (8 sample per day)</p>	<p>Febuari 2017 (8 – 12 Feb) Mach 2017 (7 – 11 Mac) April 2017 (11 – 15 April)</p>
				<p>Frequency Sweep (25°C)</p>	<p>40 – 50 min (9 sample per day)</p>	<p>Febuari 2017 (8 – 12 Feb) Mac 2017 (7 – 11 Mac) April 2017 (11 – 15 April)</p>

				Temperature Sweep (25°C)	40 – 50 min (9 sample per day)	<p>Febuari 2017 (8 – 12 Feb)</p> <p>Mach 2017 (7 – 11 Mac)</p> <p>April 2017 (11 – 15 April)</p>
				LVR (25°C)	20 – 30 min (14 sample per day)	<p>Febuari 2017 (8 – 12 Feb)</p> <p>Mac 2017 (7 – 11 Mac)</p> <p>April 2017 (11 – 15 April)</p>

3.	Liquid Base	Din Rotor for Concentric Cylinder	-	Viscosity (25°C)	20 – 30 min (10 sample per day)	Mei 2017 (16 – 20 May) Jun 2017 (20 – 24 June)
				Temperature Ramping (2 - 50°C_1°C/min)	50 – 60 min (8 sample per day)	Mei 2017 (16 – 20 May) Jun 2017 (20 – 24 June)
				Frequency Sweep (25°C)	40 – 50 min (9 sample per day)	Mei 2017 (16 – 20 May) Jun 2017 (20 – 24 June)

				Temperature Sweep (25°C)	40 – 50 min (9 sample per day)	Mei 2017 (16 – 20 May) Jun 2017 (20 – 24 June)
				LVR (25°C)	20 – 30 min (14 sample per day)	Mei 2017 (16 – 20 May) June 2017 (20 – 24 June)
4.	Produk Kosmetik (lipstick/sabun)	Cone & Plate - stainless steel (Cone diameter 40mm)	Paraffin Oil	Viscosity (25°C)	20 – 30 min (14 sample per day)	Febuari 2017 (16 – 19 Feb) Mac 2017 (22 – 25 Mac) Mei 2017 (10 – 13 May)

LABORATORI PENYELIDIKAN SAINS HALAL (LAPSAH)

				LVR (25°C)	20 – 30 min (14 sample per day)	<p>Februari 2017 (16 – 19 Feb)</p> <p>Mac 2017 (22 – 25 Mac)</p> <p>Mei 2017 (10 – 13 May)</p>
5.	Oil Base	<p>Cone & Plate</p> <p>(Cone diameter 60mm)</p>	-	Viscosity (25°C)	20 – 30 min (10 sample per day)	<p>April 2017 (18 – 21 April)</p> <p>Mei 2017 (3 – 6 May)</p> <p>June 2017 (13 – 16 June)</p>

LABORATORI PENYELIDIKAN SAINS HALAL (LAPSAH)

				Temperature Ramping (2 - 50°C_1°C/min)	50 – 60 min (10 sample per day)	April 2017 (18 – 21 April) Mei2017 (3 – 6 May) Jun 2017 (13 – 16 June)
				LVR (25°C)	20 – 30 min (14 sample per day)	April 2017 (18 – 21 April) Mei 2017 (3 – 6 May) Jun 2017 (13 – 16 June)

**no autosampler*

Policy – (1) All samples MUST be delivered to staff in-charge before 9.00 am of the actual date. No late delivery will be accepted.

(2) All required paperwork are completed according to terms and conditions.

(3) Results of analysis could be obtained on the next day.

(4) IPPH has the right to accommodate any unavoidable changes deem necessary

All enquiries please contact:

Roszaimah Muhammad Sapah (Assistant Science Officer)

Email: roszaimah@upm.edu.my

No. Tel: 03-8947 1342