Differential Scanning Calorimeter (DSC)

Bulan: Jan 2017

Bil.	Type Of Analysis	Gas	Run Time / Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Gelatin/collagen	Purified Nitrogen 99.9999% (N2)	10 - 60°C (2°C/min)	50 – 60 min (8 sample per day)	4-8 Julai 2016
2.	Starch/rice	Purified Nitrogen 99.9999% (N2)	5 – 85°C (5°C/min)	50 – 60 min (8 sample per day)	11-15 Julai 2016
3.	Oil Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	18-22 Julai 2016
4.	Meat Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	25-29 Julai 2016

Bulan: Feb 2017

Bil.	Type Of Analysis	Gas	Run Time / Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Gelatin/collagen	Purified Nitrogen 99.9999% (N2)	10 - 60°C (2°C/min)	50 – 60 min (8 sample per day)	1-5 Ogos 2016
2.	Starch/rice	Purified Nitrogen 99.9999% (N2)	5 – 85°C (5°C/min)	50 – 60 min (8 sample per day)	10-12 Ogos 2016
3.	Oil Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	15-19 Ogos 2016
4.	Meat Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	22-26 Ogos 2016

Bulan: March 2017

Bil.	Type Of Analysis	Gas	Run Time / Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Gelatin/collagen	Purified Nitrogen 99.9999% (N2)	10 - 60°C (2°C/min)	50 – 60 min (8 sample per day)	1-4 Sept 2016
2.	Starch/rice	Purified Nitrogen 99.9999% (N2)	5 – 85°C (5°C/min)	50 – 60 min (8 sample per day)	7-11 Sept 2016
3.	Oil Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	14-18 Sept 2016
4.	Meat Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	21-25 Sept 2016

Bulan: April 2017

Bil.	Type Of Analysis	Gas	Run Time / Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Gelatin/collagen	Purified Nitrogen 99.9999% (N2)	10 - 60°C (2°C/min)	50 – 60 min (8 sample per day)	4-8 Okt 2016
2.	Starch/rice	Purified Nitrogen 99.9999% (N2)	5 – 85°C (5°C/min)	50 – 60 min (8 sample per day)	11-15Okt 2016
3.	Oil Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	18-22 Okt 2016
4.	Meat Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	25-29 Okt 2016

Bulan: Mei 2017

Bil.	Type Of Analysis	Gas	Run Time / Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Gelatin/collagen	Purified Nitrogen 99.9999% (N2)	10 - 60°C (2°C/min)	50 – 60 min (8 sample per day)	3-6 Nov 2016
2.	Starch/rice	Purified Nitrogen 99.9999% (N2)	5 – 85°C (5°C/min)	50 – 60 min (8 sample per day)	9-13 Nov 2016
3.	Oil Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	16-20 Nov 2016
4.	Meat Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	23-27 Nov 2016

Bulan: Jun 2017

Bil.	Type Of Analysis	Gas	Run Time / Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Gelatin/collagen	Purified Nitrogen 99.9999% (N2)	10 - 60°C (2°C/min)	50 – 60 min (8 sample per day)	1-3 Dis 2016
2.	Starch/rice	Purified Nitrogen 99.9999% (N2)	5 – 85°C (5°C/min)	50 – 60 min (8 sample per day)	6-10 Dis 2016
3.	Oil Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	13-17 Dis 2016
4.	Meat Base	Purified Nitrogen 99.9999% (N2)	-70 – 70°C (5°C/min)	50 – 60 min (8 sample per day)	27-30 Dis 2016

**** Please provide your own aluminum pan 40µl with lid & standby (as back up) Gas Purified Nitrogen for doing analysis before running.***

****Autosampler (Sample Robot) = 34 pans (only for Aluminum pan without pin)***

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 documents are completed

(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