



CHEMICAL ANALYSIS FACILITY

Attn: Richard Manzano,
Lachlan Watson
Australian National University
Research School of Chemistry
Building 137, Sullivan's Creek road
Acton, ACT

Email: richard.manzano@anu.edu.au
lachlan.watson@anu.edu.au
a.hill@anu.edu.au

From: Dr Nima Sayyadi
Dr Remi Rouquette
Chemical Analysis Facility
School of Natural Sciences
Macquarie University, NSW, 2109

Phone: +61 2 9850 4219
Email: nima.sayyadi@mq.edu.au
Email: remi.rouquette@mq.edu.au

January 13th 2023

Elemental Microanalysis Report

Sample ID: rm-075-2022

Date Received: December 16th, 2022

Date Analysed: January 10nd, 2023

Sample ID	Weight (mg)	N%	C%	H%	S%
rm-075-2022	1.804	17.44	45.02	4.17	
	1.576	17.49	45.01	4.24	
Theoretical values		17.5	45.02	4.62	-

Sample ID: rm-77-2022

Date Received: December 16th, 2022

Date Analysed: January 10nd, 2023

Sample ID	Weight (mg)	N%	C%	H%	S%
rm-77-2022	1.929	3.86	32.94	3.55	
	2.019	3.81	32.69	3.54	
Theoretical values		3.26	32.97	3.80	-

Sample ID: rm-069-2022

Date Received: December 16th, 2022

Date Analysed: January 10nd, 2023

Sample ID	Weight (mg)	N%	C%	H%	S%
rm-69-2022	2.610	10.97	27.08	2.55	
	2.574	10.91	27.03	2.57	
Theoretical values		10.50	27.01	2.77	-

Sample ID: LJW-RhCRh

Date Received: December 16th, 2022

Date Analysed: January 10nd, 2023

Sample ID	Weight (mg)	N%	C%	H%	S%
LJW-RhCRh	1.211	2.57	64.35	4.52	
	1.191	2.55	64.21	4.44	
Theoretical values		2.03	64.41	4.53	-

Comments:

- Sample was stored in a fridge before analysis.
- Values are expressed as grams of element per 100 grams of sample. For organic standard materials the trueness 95% confidence limit of the technique is $\pm 0.3\%$ with a precision of $\pm 0.2\%$. Please note that the presence of water or other solvents, filter paper fibres or other foreign substances in the sample will result in appreciable deviations from the expected theoretical values.

Dr. Remi Rouquette

Dr. Nima Sayyadi

Senior Analytical Scientist

Macquarie Analytical & Fabrication Facility (MAFF)

School of Natural Sciences

Macquarie University, NSW, 2109