

Name:	Dr Claire Jones/Ivan Lopez Povez	Your sample reference:	ILP 1-4 - CRYSTALS
Dept/Section:	UEA - Chemistry	Mol. weight:	1606.99
Supervisor:	Dr John Fielden	Mol. Formula:	(ⁿ Bu ₄ N) ₂ [Mo ₆ O ₁₈ N ₂ C ₁₈ H ₁₄]
Room No.:		List all elements present in sample:	Mo, O, N, C, H
Phone No.:	07906596457	PO No/Charge (External users only)	20322500
Email:	claire.jones@uea.ac.uk		
Date Submitted:	08/11/2022		
Date Reported:	14.11.22		

Element	% Expected (please complete)	% Found	
C	37.37	37.41	37.35
H	5.39	5.38	5.36
N	3.49	3.43	3.42
S			
Cl			
Br			
I			
Metal			

Select Experimental Technique

☒ **CHN** (minimum 2mg sample)

☐ **S** (minimum 2mg sample)

☐ **Halide** (minimum 10mg sample - please specify Cl, Br, I)

☐ **Metal** (minimum 10mg sample - please specify metal(s) required and write the element symbol in the table above)

☐ **Thermal Analysis** (minimum 10mg sample - please specify TGA, DSC and give conditions required - temperature range & purge gas)

Special requirements/Comments:	Recrystallised from acetonitrile
Sample sensitive to:	<input type="checkbox"/> Air <input type="checkbox"/> Light <input checked="" type="checkbox"/> Moisture Not super sensitive
Safe handling requirements:	<input checked="" type="checkbox"/> Low Toxicity <input type="checkbox"/> Harmful <input type="checkbox"/> Toxic <input type="checkbox"/> Very Toxic <input type="checkbox"/> Extremely Toxic
Analyst Comments (lab use only)	