Nombre Maestro Doctorado		Institución Doctorado		
dame Gallegos Jaime Raúl Doctor of Philosophy		University of Nottingham		
Camacho Dávila Alejandro Alberto	Doctorado en Química	Universidad Estatal de Nuevo México		
Chávez Flores David	Química	University of Texas at El Paso		
Hernández Ochoa León Raúl	Ciencias en Agro- recursos	l'Ecole Nationale Supérieure des Ingénieurs en Art Chimiques et Technologiques (ENSIACET-INP- Toulouse III)		
Márquez Meléndez Rubén	Ingeniería Bioquímica	Universite de Tecnologie de Compiegne/Francia		
Nevárez Moorillón Guadalupe Virginia	Biología Molecular	University of North Texas		
Ortega Rivas Enrique	Ingeniería Química	Universidad de Bradford		
Pérez Vega Samuel Bernardo Ingeniería Química		Universidad de Manchester		
Ramos Sánchez Víctor Hugo	Doctor of Philosophy	Universidad de Sheffield en el Reino Unido		
Salas Muñoz Erika	Ciencias de los Alimentos	Ecole Nationale Supérieure Agronomique de Montpellier		
Salmeron Ochoa Iván	Ingeniería Química y Ciencias Analíticas	Universidad de Manchester		

37 Académicos investigadores 11 son doctores que obtuvieron el título en el extranjero 29.72%

CTTORIC DE TOCHDOLOGIE DE COMPEGNE CTTORICION DE DIPLOME DE DOCTEUN INCENTRE LE SECRETARE GENERAL DE L'UNIVERSITE DE TECHNOLOGIE DE COMPEGNE LE DELOME D'ETHOLOGIE DE TECHNOLOGIE DE CAMITIQUE LE DELOME D'ETHOLOGIE DE L'EMATIQUE LE DELOME D'ETHOLOGIE D'E L'EMATIQUE L'EMATIGUE D'E L'EMATIQUE L'EMATIGUE D'E L'EMATIQUE L'EMATIGUE D'EL D'EL D'EL D'EMATIGUE L'EMATIGUE D'EL D'EL D'EL D'EL D'EL D'EL D'EL D'E
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Cuadalupe Firginia Revarez-Munrillon

Aabing successfully completed the Course of Study as prescribed by the Aculty and Yoard of Regents and having complied with all other requirements af the University, hus been granted the Begree

### Ductor of Philosophy

In testimony inhereof, the undersigned have subscribed their names and affixed the Seal of the University. and is entitled to all rights and privileges appertaining to that Degree. Boue this sixteenth day of Becember, Niveteen hundred and nively-five in Benton, Texas.

afor of merely





The University Of Sheffield.

### Research & Innovation Sorvices

Mr VH Ramos-Sanchez

12 Ashurst Place Stannington SHEFFIELD S6 5LN UNITED KINGDOM

09/02/2011 Reference: Award/040171504 A Section of Academic Services Director of Research & Innovation Services: Ms Sarah Fulton Research Degree Support Manager: Mrs Joanne Rowlands New Spring House, 231 Glossop Road Sheffield S10 2GW Telephone: +44 (0) 114 2222892 Fax: +44 (0) 114 2221452 Email: j.Lrowlands@sheffield.ac.uk

Dear Mr Ramos-Sanchez

Qualification: Doctor of Philosophy Faculty: Faculty of Science Department: Department of Chemistry

I am pleased to inform you that the Senate has approved the award of the above degree to you. A copy of your Examiners' Report is enclosed with this letter.

The Events Team will contact you in due course regarding the conterment of your award. Please contact the Events Team on 0114 222 8828, graduation@sheffield.ac.uk, with any query about the conferment of your award.

If you have any queries about this letter, please contact Mrs Natalie Barks, on +44 (0) 114 2221426, or n.barks@sheffield.ac.uk.

Yours sincerely

J. Theyand

Mrs Joanne Rowlands Research Degree Support Manager

cc. Department of Chemistry



The University Of Sheffield.

> Head of Department Professor Michael D Ward BA PhD

Department of Chemistry Dainton Building The University of Sheffield Brook Hill Sheffield S3 7HF **Telephone:** +44 (0)114 222 9319 **Fax:** +44 (0)114 222 9303 **Email:** ch-hod@sheffield.ac.uk

8 February 2011

TO WHOM IT MAY CONCERN

### Victor Hugo Ramos Sanchez (Student Registration No: 040171504)

I am pleased to confirm that Mr Victor Hugo Ramos Sanchez, DoB 17 October 1980, has successfully completed the course of studies leading to a PhD in the Department of Chemistry, University of Sheffield.

He successfully passed his PhD examination on 11 January 2011, and submitted the final version of his Thesis on 24 January 2011, which completes his PhD programme. He will receive the formal PhD certificate from the University in due course.

I hope that this information is sufficient for your records.

I will be happy to provide any further information that you may require.

Yours faithfully

in ( ). Wand

Professor M D Ward Head of Department

### THE UNIVERSITY OF SHEFFIELD

### REPORT OF EXAMINERS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (PhD)

### FACULTY OF SCIENCE

This Report should be completed by the Examiners and returned, together with the Examiners' Preliminary Reports, to the Faculty Administrator at Research & Innovation Services (231 Glossop Road, Sheffield, S10 2GW). Before completing the Report form, please read the attached *Guidance Notes for Examiners*.

The candidate (and supervisor on request) will receive a copy of the final Report (comprising the preliminary and joint Reports), which may be released by Research & Innovation Services only, following formal approval by the Vice-Chancellor acting on behalf of the Senate.

Name of candidate:	Mr V Ramo	os-Sanchez	Registration Number:	040371504	÷
Department:	Chemistry		· ·		3
Name of Supervisor:	Dr J Weins				
Title of Thesis:	Raman An	d Inelastic Neutron Sca	attering Experiments In The Sulfi	ur-Iodine Thermo	chemical Cycle
Names of Examiners:	External Internal	Dr S F Parker Dr 🎮 Meijer	e.	L	
Name of coordinator: (where applicable):					

### **SECTION A: Specific Recommendation**

We, the undersigned, make the following recommendation (please tick one box only):

that the degree of PhD be awarded without the need for any corrections to the thesis.

- 2. X that the degree of PhD be awarded once specified minor corrections have been completed to the satisfaction of the Internal Examiner (please return this form as soon as possible after the examination, and sign and return the enclosed minor corrections form ONLY when the specified examiner is satisfied that the amendments are complete).
- 3. In that the degree of PhD be not now awarded, but that the candidate be allowed to undergo a further oral examination without modification of form or content of the thesis.
- 4. In that the degree of PhD be not now awarded, but that the candidate be allowed to submit a revised thesis after such modification of form or content as the Examiners may prescribe, WITH / WITHOUT\* oral re-examination. (\*Please delete as appropriate).
- 5. I that the degree of PhD be not now awarded, but that the degree of Master of Philosophy be awarded (subject only to the necessary changes to the cover and title page of the thesis).
- 6. I that the degree of PhD be not now awarded, but that the candidate be allowed to submit a revised thesis for the degree of Master of Philosophy after such modification of form or content as the Examiners may prescribe, WITH / WITHOUT ORAL\* re-examination. (\*Please delete as appropriate)
- 7. I that the degree of PhD be not awarded.

Name of Examiner: $D_{+}$ S. F. Name of Examiner: $D_{+}$ AJHM	PAR KER	Signed:	Stral	Date:	14 th Jan 2011
For office use only DDP/RTP completed: (where applicable):	₽ vi	va Date:	N M	Ethics Approval:	<b>NIA</b>
eThesis uploaded (where applicable): Approved by Faculty Signed:	MNA CI	\S student:		Time Limit: Date:	

### THE UNIVERSITY OF SHEFFIELD

### PRELIMINARY REPORT OF EXAMINERS

### FACULTY OF SCIENCE

Each Examiner is required to complete and bring to the oral examination an independent preliminary report on the thesis. The Preliminary Report will be appended to the Examiners' Joint Report. It would be helpful if the Report could be typewritten. Before completing the Report form, please read the attached *Guidance Notes for Examiners* 

The candidate (and supervisor on request) will receive a copy of the final Report (comprising the preliminary and joint Reports), which may be released by Research & Innovation Services only, following formal approval by the Vice-Chancellor acting on behalf of the Senate.

Name of candidate:	Mr V Ramos-Sanchez
Registration Number:	040171504
Department:	Chemistry
Name of Supervisor:	Dr J Weinstein
Title of thesis:	Raman And Inelastic Neutron Scattering Experiments In The Sulfur-lodine Thermochemical Cycle
Names of Examiners:	Internal Dr M Meijer
	External Dr S F Parker
Name of Coordinator (where applicable):	

Please give below a report on the thesis, using additional sheets as necessary. No specific recommendation concerning the award of the degree should be given at this stage.

The thesis provides a comprehensive introduction to the thermochemical splitting of water into hydrogen and oxygen by the sulphur-iodine cycle. There is a detailed description of the experimental methods together with the underlying theory of the spectroscopic techniques employed. There is a considerable body of very demanding experimental work over a range of conditions with different Raman techniques together with an investigation by inelastic neutron scattering spectroscopy of the same system. The experimental work is backed up by quantum chemistry calculations. Overall, the thesis presents a coherent description of a considerable amount of work. It is noted that several papers resulting from the work are either submitted or published and there are clearly more to follow.

Name of Examiner:

Signed: Date:

10<sup>16</sup> Jan 2011

Dr Stewart F. Parker





18 May 2010

### Samuel Bernardo Perez Vega who has satisfied the Examination for the Degree.

to

Chemical Engineering

in the Faculty of Engineering and Physical Sciences

# DOCTOR OF PHILOSOPHY

By virtue of the powers granted to it by the Charter and Statutes and the authority of the Senate the University has this day awarded the Degree of

The University of Manchester





deur Mitterry Registrar and Secretary



who has satisfied the Examiners in the Final Examination for the Degree.

Ivan Salmeron-Ochoa

13 April 2010

## The University of Manchester

authority of the Senate the University has this day awarded the Degree of By virtue of the powers granted to it by the Charter and Statutes and the

## DOCTOR OF PHILOSOPHY

in the Faculty of Engineering and Physical Sciences

Chemical Engineering and Analytical Science

to



### THE UNIVERSITY OF NOTTINGHAM

### It is hereby certified that after having satisfied all the

conditions prescribed by the University

### JAIME RAÚL ADAME GALLEGOS

was on the

seventeenth day of July, 2012

duly admitted to the degree of

Doctor of Philosophy

Vice-Chancellor

Registrar







UNIVERSITY OF BRADFORD

5 March 1990

This is to certify that

### **Enrique ORTEGA-RIVAS**

Was registered as full-time student following a postgraduate programme of research leading to the degree of Doctor of Philosophy in Chemical Engineering from February 1986 to February 1989.

Mr Ortega-Rivas submitted his thesis and presented an oral examination on 21 July 1989 being recommended by the examiners that he be awarded the above degree.

Mr Ortega-Rivas is, therefore, able to be conferred his degree at the University of Bradford Degree Congregation to be held on July this year.

Levin Erifton

Kevin Knifton Assistant Registrar Student Registry

UNIVERSITY OF BRADFORD WEST YORKSHIRE 807 10P UK TEL 0274 733466 TELEX 51309 UNIDED 6 FAX 0274 305340 MARING KNOWLEDGE WORK