



ISCPE2022
The First International Seminar
on
Chemical Process and Environment
14-15 March 2023



University of Biskra, Algeria

CERTIFICATE

OF PARTICIPATION

ID : WT005

This is to certify that

Abderezak Guemache

Has participated and presented the paper entitled :

Heterogeneous phase adsorption of carmine, phenolphthalein and eosin dyes on activated carbon and natural clay, experiments, characterization and physical interpretations

**in The 1st INTERNATIONAL SEMINAR ON CHEMICAL
PROCESS & ENVIRONMENT**

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Presentation type: Oral



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