



CERTIFICATE OF PARTICIPATION

The Chair of the National Conference and the President of the Scientific Committee hereby certify that :

DR. Noura MESSAOUDI

participated in the 1st National Conference on Chemistry and Associated Sciences
(1st NCC-AS), held on September 18th, 2025, at the Higher School of Teachers in Bousaada, M'Sila, Algeria.

A poster presentation was made in Topic 1, entitled:

"Optimization of polyphenol extraction, phenolic profile by LC-ESI-MS/MS, antioxidant, anti-enzymatic, and
cytotoxic activity of *Physalis acutifolia*."

Co-authors: Hamdi BENDIF and Larbi DERBAK.

Prof. Omer DJAIDJA

Laboratory Director



Dr. Tahir HABILA

Chairman 1st NCC-AS

