



## SUPPLEMENTARY DATA

# Microwave-assisted extraction optimization and conventional extraction of phenolic compounds from coriander leaves: UHPLC characterization and antioxidant activity

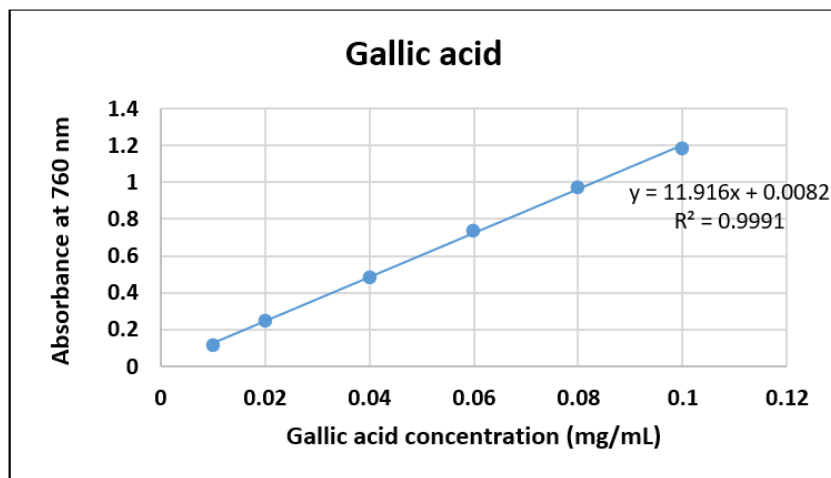
Khokha Mouhoubi <sup>1\*</sup>, Lila Boulekbache-Makhlouf <sup>2</sup>, Khodir Madani <sup>1,2</sup>, Mohamed Lamine Freidja <sup>2,3</sup>, Artur M.S. Silva <sup>4</sup>, Susana M. Cardoso <sup>4</sup>

<sup>1</sup> Centre de Recherche en Technologies Agroalimentaires. Route de Targa Ouzemmour. Campus Universitaire, Bejaia, 06000. Algeria. Email: [khokha.mouhoubi@crtaa.univ-bejaia.dz](mailto:khokha.mouhoubi@crtaa.univ-bejaia.dz) / [khodir.madani@univ-bejaia.dz](mailto:khodir.madani@univ-bejaia.dz)

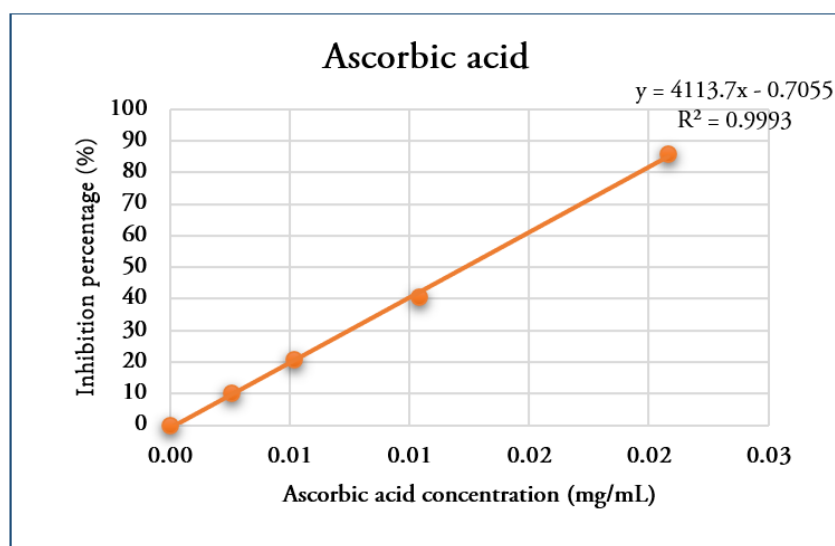
<sup>2</sup> Laboratoire de Biomathématiques, Biophysique, Biochimie, et Scientométrie (L3BS), Faculté des Sciences de la Nature et de la Vie, Université de Bejaia, 06000 Bejaia, Algérie. Email: [lilaboulekbachemakhlouf@yahoo.fr](mailto:lilaboulekbachemakhlouf@yahoo.fr)

<sup>3</sup> Département de Biochimie et de Microbiologie, Faculté des Sciences, Université Mohamed Boudiaf, 28000 M'sila, Algérie. Email: [mfreid@hotmail.fr](mailto:mfreid@hotmail.fr)

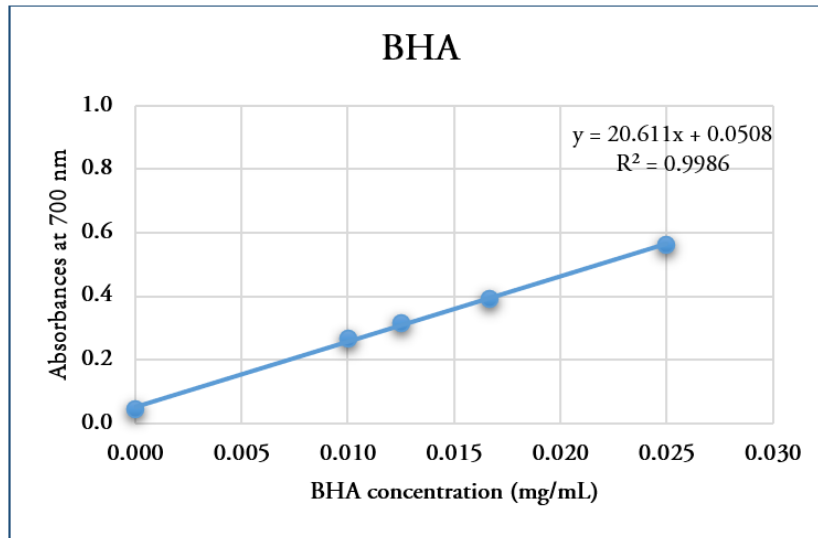
<sup>4</sup> LAQV-REQUIMTE, Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal. Email: [artur.silva@ua.pt](mailto:artur.silva@ua.pt) / [susanacardoso@ua.pt](mailto:susanacardoso@ua.pt)



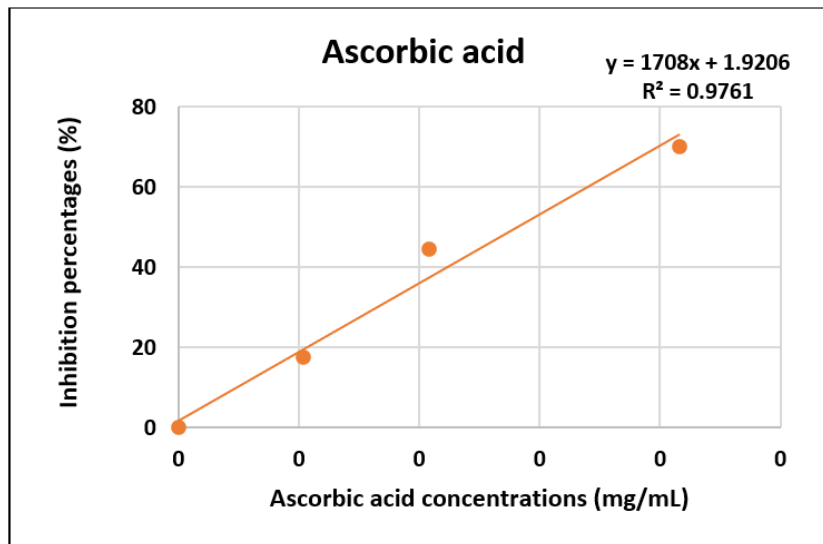
Supplementary Figure A1. Standard curve for TPC



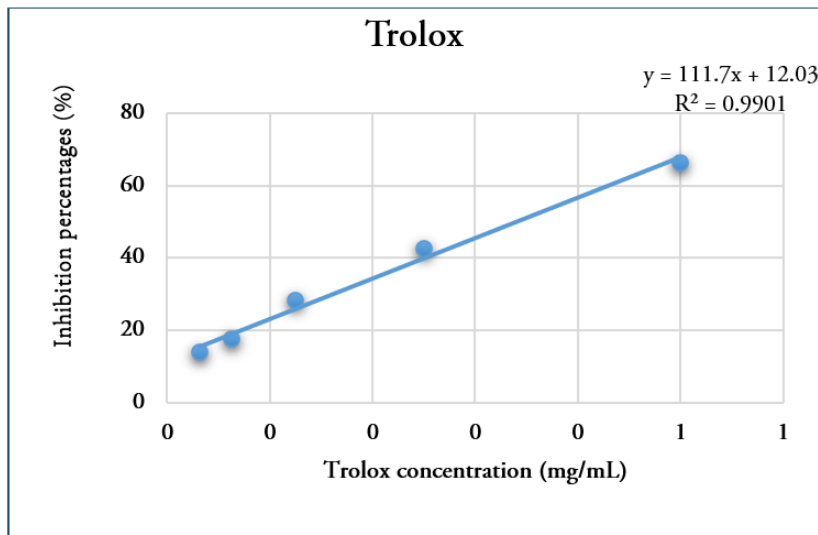
Supplementary Figure A2. Standard curve for DPPH<sup>•</sup> radical scavenging assay



Supplementary Figure A3. Standard curve for Ferric Reducing Antioxidant Power (FRAP) assay



Supplementary Figure A4. Standard curve for nitric Oxide (NO<sup>•</sup>) Assay



Supplementary Figure A5. Standard curve for superoxide anion-radical scavenging activity