

**Mechanochemical Treatment of Quercetin and Curcumin to Obtain Eutectic  
Mixtures with High Antioxidant Activity**

**Valentina Renza-Diaz,<sup>a</sup> Martin Gonzalez-Hernández,<sup>b</sup> Kriss Dayhana Pantoja,<sup>a</sup> Richard  
F. D'Vries,<sup>a\*</sup>**

<sup>a</sup> *Facultad de Ciencias Básicas, Universidad Santiago de Cali, Calle 5 # 62-00, Cali,  
Colombia*

<sup>b</sup> *Instituto de Química de São Carlos, Universidade de São Paulo, CP. 369, 13560-970, São  
Carlos - SP, Brasil*

<sup>c</sup> *Centro de Diseño Tecnológico Industrial, Servicio Nacional de Aprendizaje-SENA*

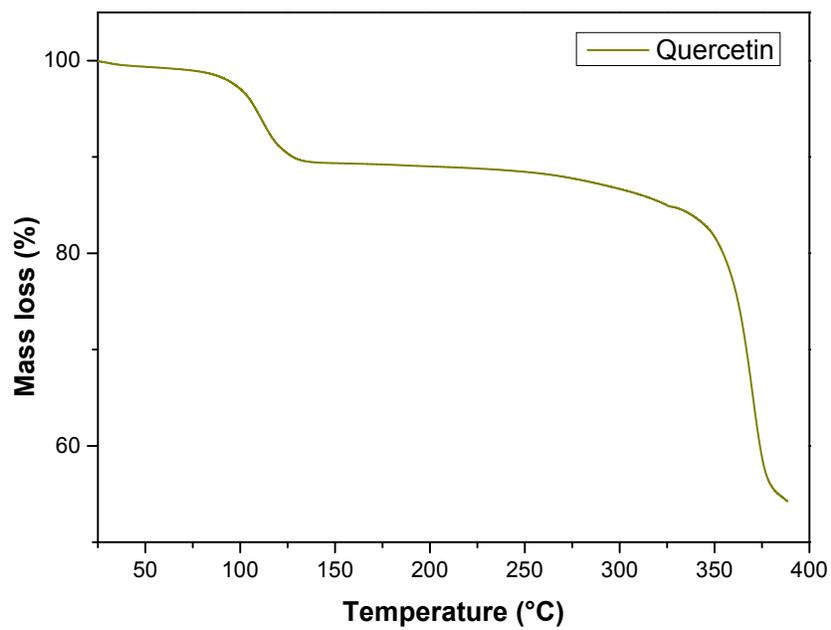
**\*Corresponding Author:** [richard.dvries00@usc.edu.co](mailto:richard.dvries00@usc.edu.co)

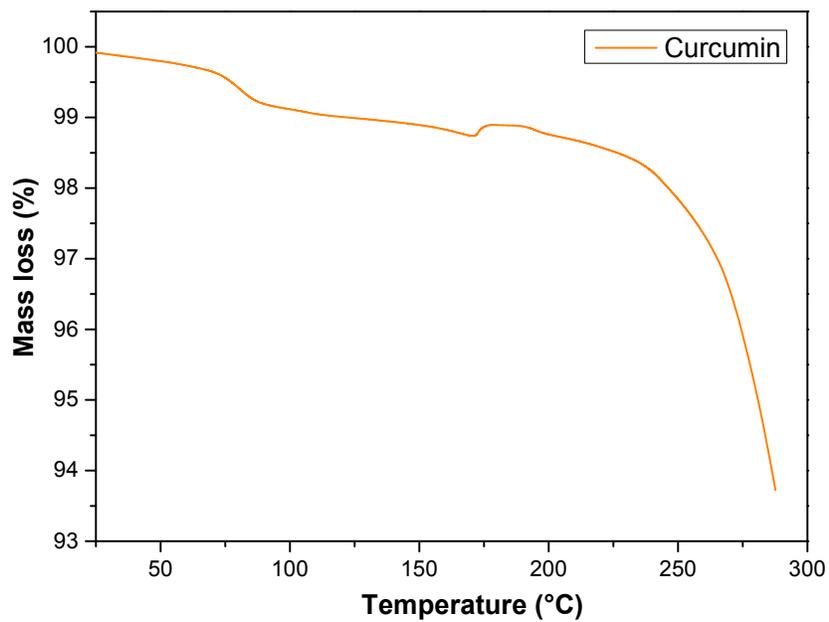
**Supporting Information S1.** TGA curve for quercetin and curcumin

**Supporting Information S2.** SEM micrography 5000 X and 15000 X.

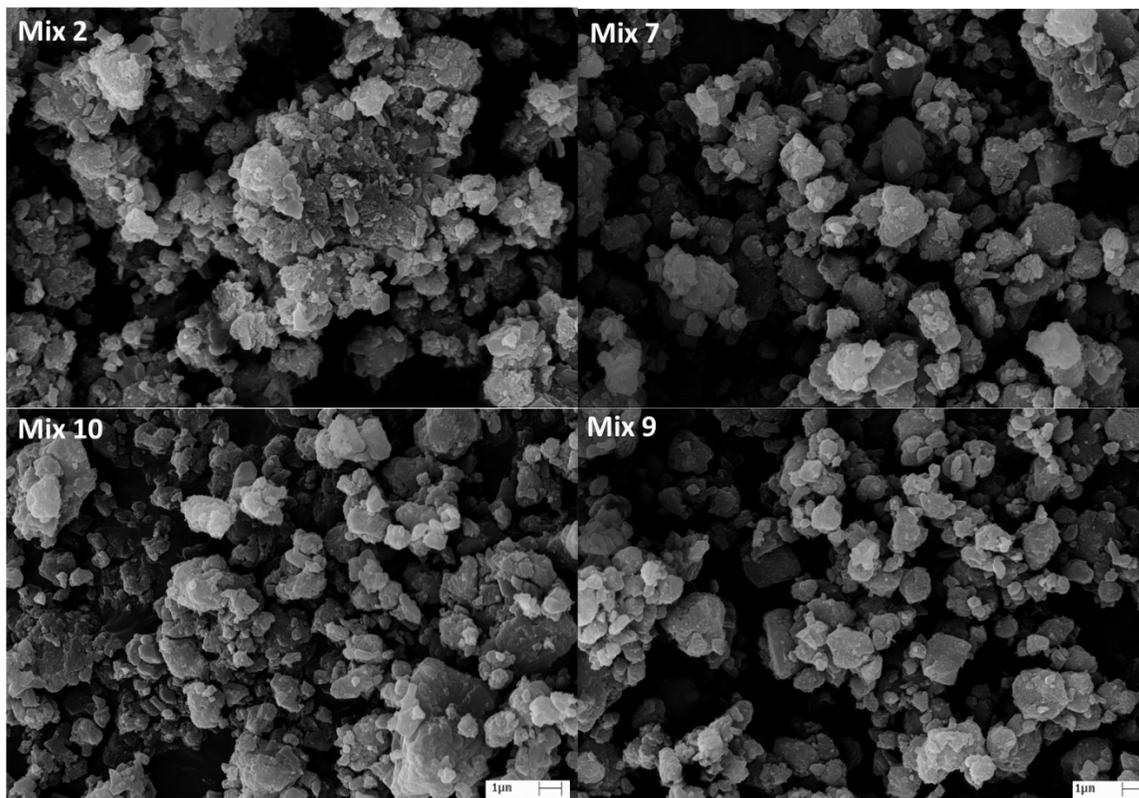
**Supporting Information S3.** DPPH radical inhibition method (RFS 50)

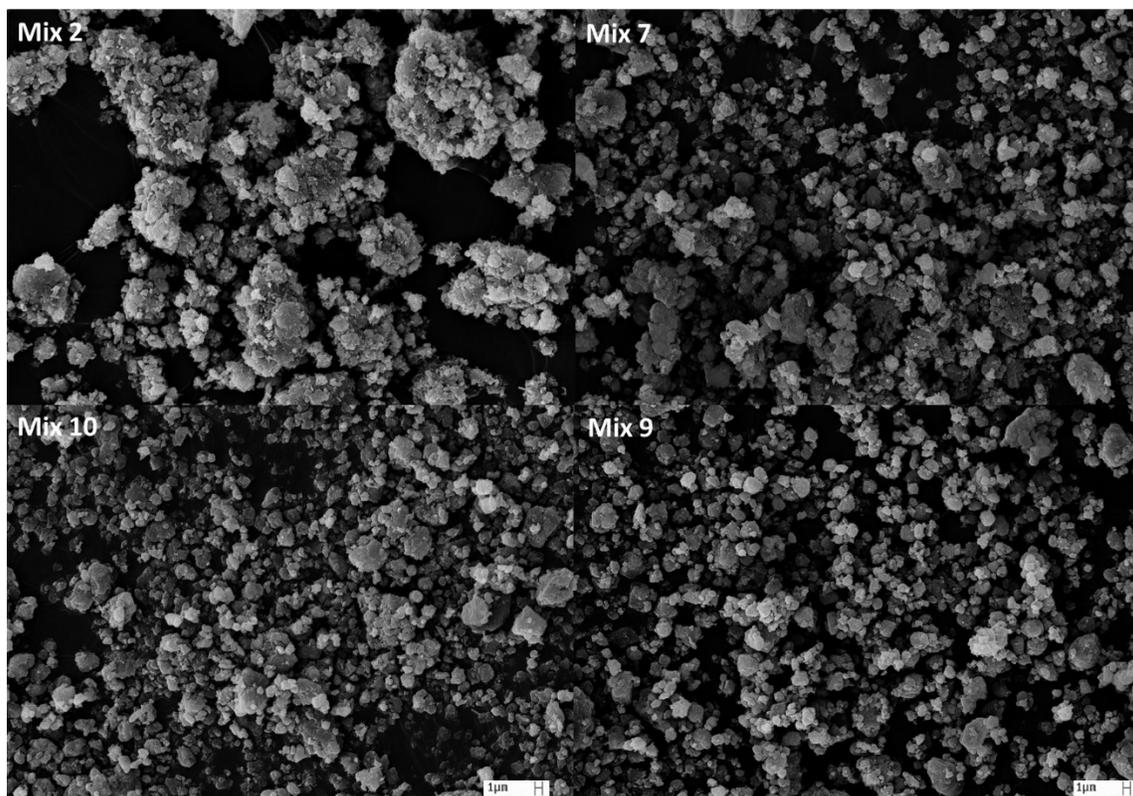
**Supporting Information S1.** TGA curve for quercetin and curcumin





**Supporting Information S2.** SEM micrography 5000 X and 15000 X.





**Supporting Information S3. DPPH radical inhibition method (RFS 50)**

