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Supplementary materials

Lactobacillus-Fermented Aloe Vera Gel as a Source of Bioactive Phytochemicals with Enhanced Antioxidant, Cytoprotective and Anti-Aging Properties and Its Application in a Skin Gel Formulation

Aleksandra Ziemlewska [1,*], Martyna Zagórska-Dziok [1], Zofia Nizioł-Łukaszewska [1], Aleksandra Samborska [2], Magdalena Wójciak [2] and Ireneusz Sowa [2]

[1] Department of Technology of Cosmetic and Pharmaceutical Products, Medical College, University of Information Technology and Management in Rzeszow, Sucharskiego 2, 35-225 Rzeszow, Poland
[2] Department of Analytical Chemistry, Medical University of Lublin, Aleje Raclawickie 1, 20-059 Lublin, Poland
* Correspondence: aziemlewska@wsiz.edu.pl

Table S1. Calibration curve parameters for the analyzed compounds

Compounds	Calibration Range (μg/mL)	Calibration Equation	Correlation Coefficients (R^2)	Analytical Wavelength
Aloesin	100-1500	y = 166038x - 382660	0.9978	300 nm
Chlorogenic acid	0.1-10	y = 69203x - 38762	0.9967	325 nm
3-p-coumaryl quinic acid	0.1-10	y = 56050x - 312633	0.9891	310 nm
Aloin A	1.0-100	y = 2166703x - 98806	0.9887	300 nm

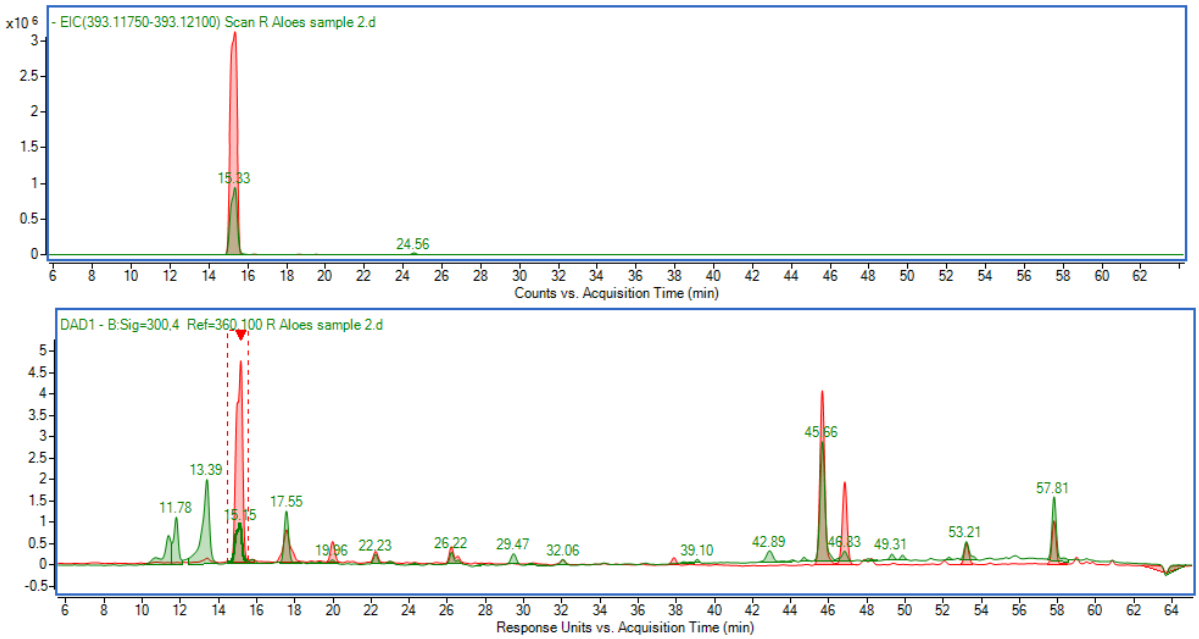

Figure S1. Extracted ion chromatogram (EIC) of a mass range characteristic for aloesin, with a mass error not exceeding 5 ppm (upper panel). DAD chromatogram recorded at a wavelength of 300 nm with the aloesin peak marked (lower panel). Green line – extract; red line – fermented extract.