

Supplementary materials

Use of *Silybum marianum* Extract and Bio-Ferment for Biodegradable Cosmetic Formulations to Enhance Antioxidant Potential and Effect of the Type of Vehicle on the Percutaneous Absorption and Skin Retention of Silybin and Taxifolin

Edyta Kucharska ^{1,*}, Richard Sarpong ¹, Anna Bobkowska ², Joanna Ryglewicz ², Anna Nowak ³,
Łukasz Kucharski ³, Anna Muzykiewicz-Szymańska ³, Wiktoria Duchnik ³, and Robert Pelech ¹

¹ Department of Chemical Organic Technology and Polymeric Materials, Faculty of Chemical Technology and Engineering, West Pomeranian University of Technology in Szczecin, Pulaski Ave. 10, 70-322 Szczecin, Poland; edyta.kucharska@zut.edu.pl (E.K.); srpngrchrd@gmail.com (R.S.); robert.pelech@zut.edu.pl (R.P.)

² NISHA Karol Ryglewicz, Jana Kasprowicza Ave. 4, 62-040 Puszczykowo, Poland; anna.bobkowska@nisha.com.pl (A.B.); joanna.ryglewicz@nisha.com.pl (J.R.)

³ Department of Cosmetic and Pharmaceutical Chemistry, Pomeranian Medical University in Szczecin, 70-111 Szczecin, Poland; anna.nowak@pum.edu.pl (A.N.); lukasz.kucharski@pum.edu.pl (Ł.K.); anna.muzykiewicz@pum.edu.pl (A.M-Sz.); wiktoria.duchnik@pum.edu.pl (W.D.)

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* Correspondence: edyta.kucharska@zut.edu.pl; Tel.: +48-888-615-273

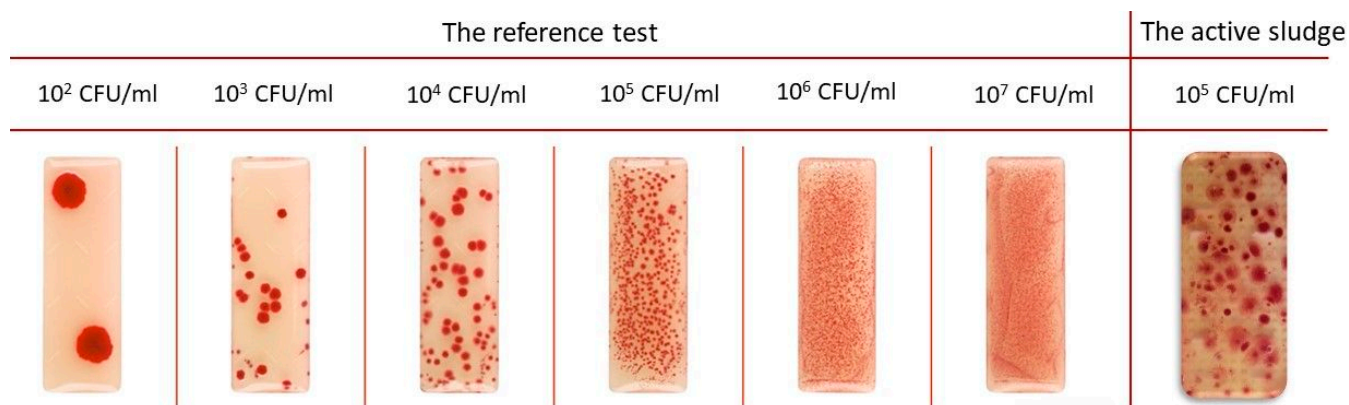


Figure S1. The appearance of the test obtained after immersion of the insert in the active sludge – rights, the appearance of the reference test - left.

Figure S2 shows the main components determined with HPLC occurring in studied samples.

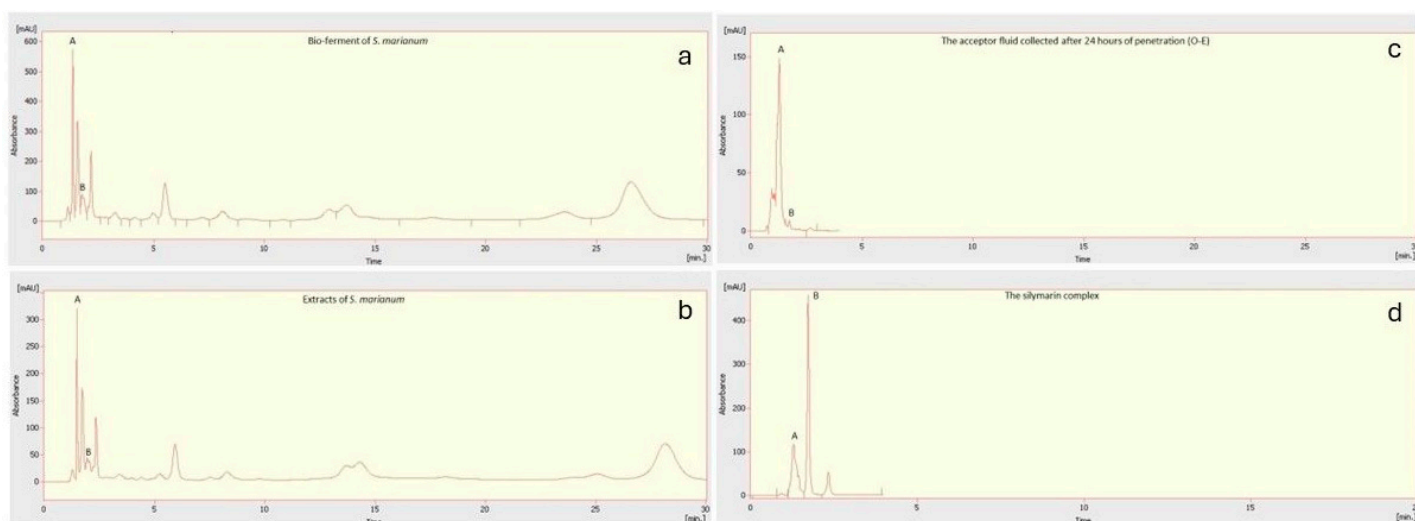


Figure S2. The HPLC from bio-ferment of *S. marianum* (a) and extract of *S. marianum* (b), acceptor liquid after 24-hour pentation (c) and pure silymarin used as a standard (d); A – taxifolin (RT=1.32 min), B- silybin (RT= 1.83 min).