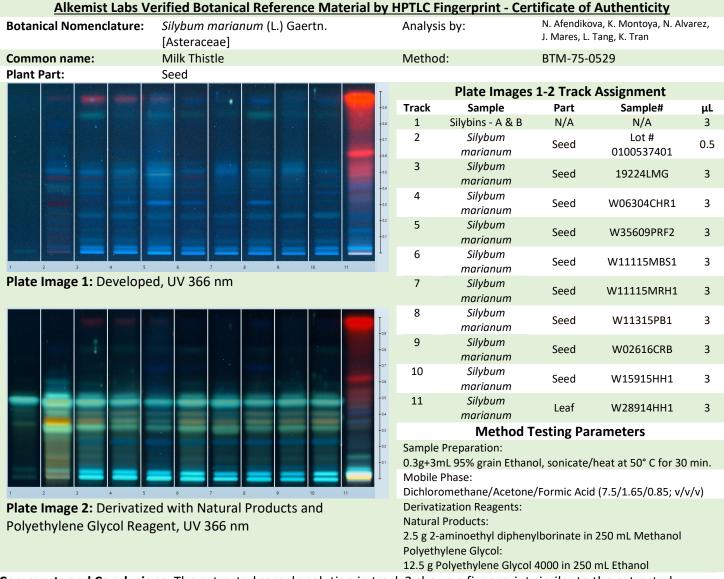
Report Date: 07/28/23





<u>Comments and Conclusions:</u> The extracted sample solution in track 2 shows a fingerprint similar to the extracted botanical reference material solutions of *Silybum marianum* seed (tracks 3, 4, 5, 6, 7, 8, 9, 10) with respect to number, position, color and intensity of bands. Additional zones of varying intensities are present as well as the absence of zones. The above conclusion may be a function of the natural variance found in botanicals. The growing and drying conditions, age, seasonal variations, geographic location, etc. all play a role in the phytochemical fingerprint of botanicals as well as their extracts; hence, chromatographic variations are expected. This test sample Lot # 0100537401 (Lane 2) has characteristics of a customized extract derived from *Silybum marianum* seed.



Analyzed by: Khanh Tran Examined, Reviewed & Authorized by: Sidney Sudberg, Chief Scientific Officer