

Isolation and Characterization of a Novel Hydrophobin, Sa-HFB1, With Antifungal Activity From an Alkaliphilic Fungus, *Sodiomyces alkalinus*

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Supplementary

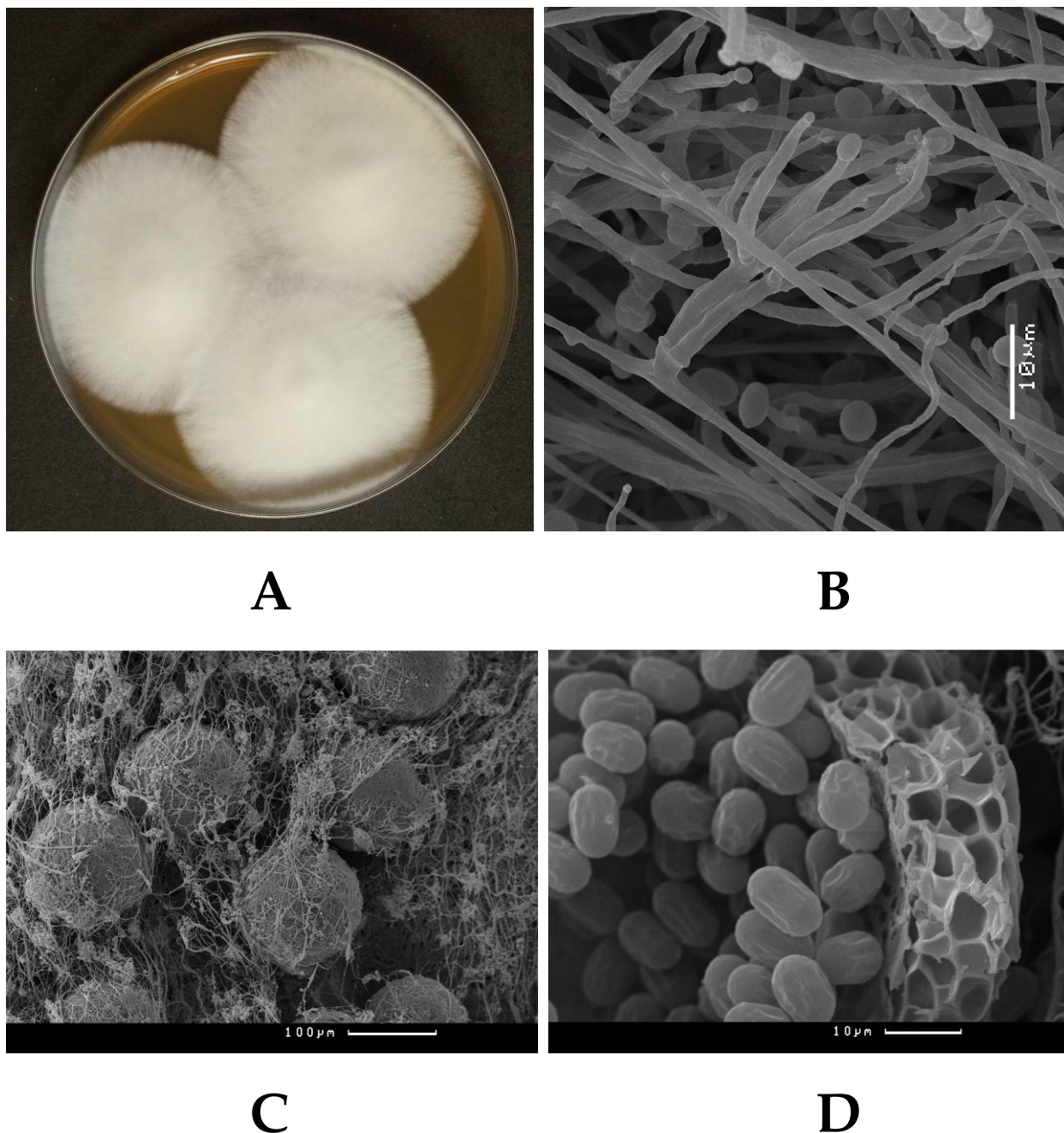
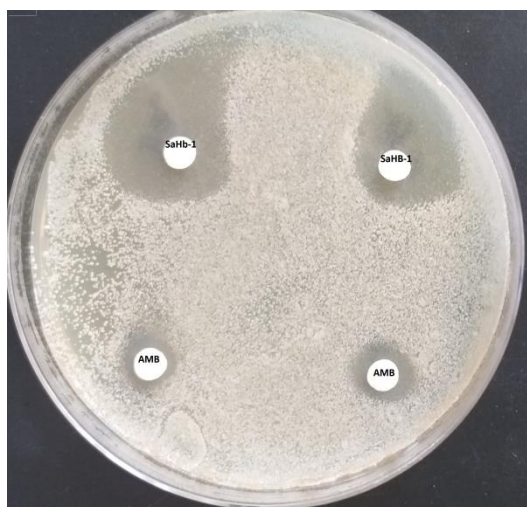
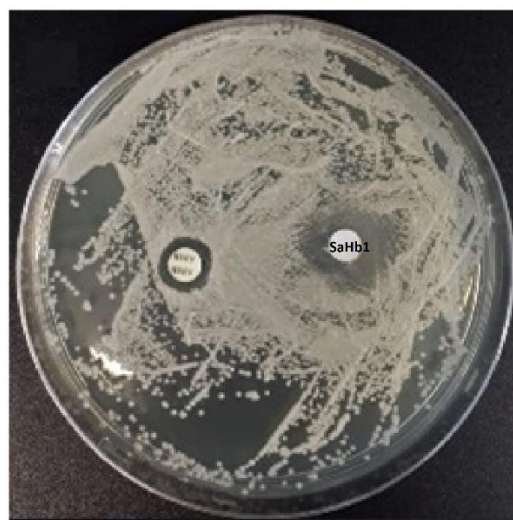


Figure S1. *Sodiomyces alkalinus* Grum-Grzhimaylo, Debets & Bilanenko: A – growth on the alkaline agar medium; B – D scanning electron microscopy: B - conidiophores with 3-5 branches and conidia; C -

clialothecial ascomata, creeping vegetative hyphae and conidiophores with slimy mass of abundant conidia; D - ascospores and multilayered peridium of ascomata.



A

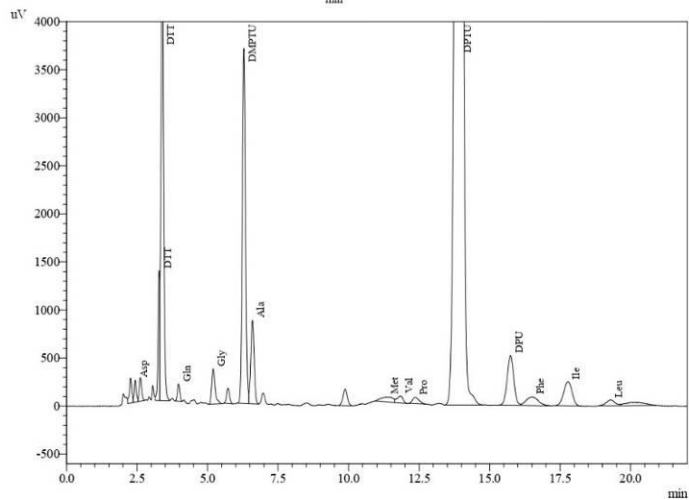
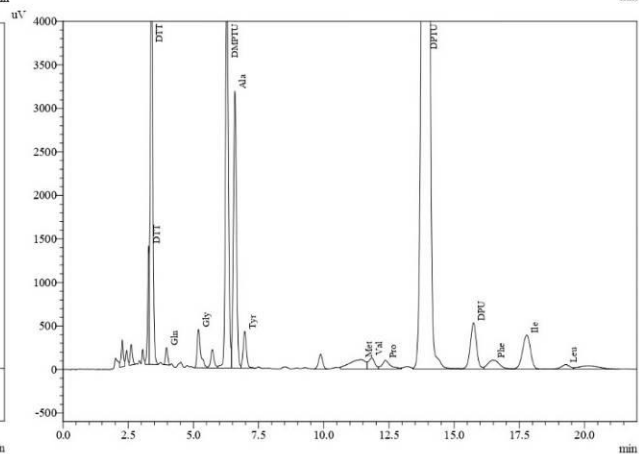
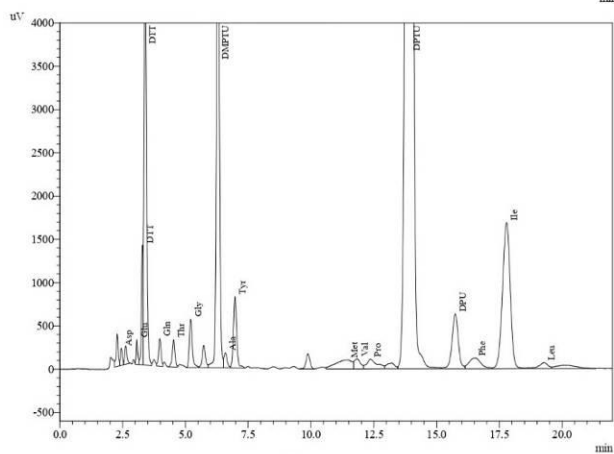
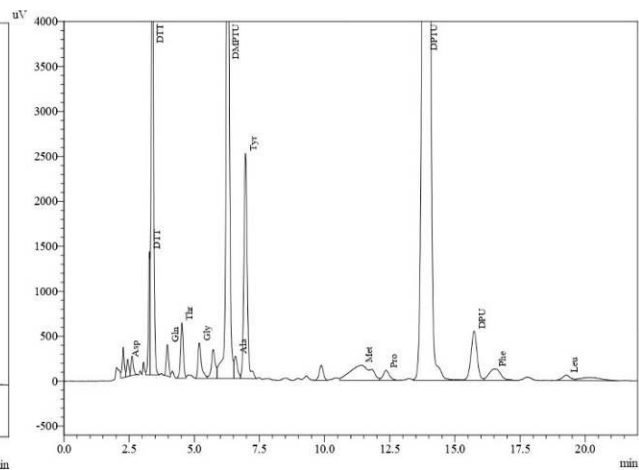
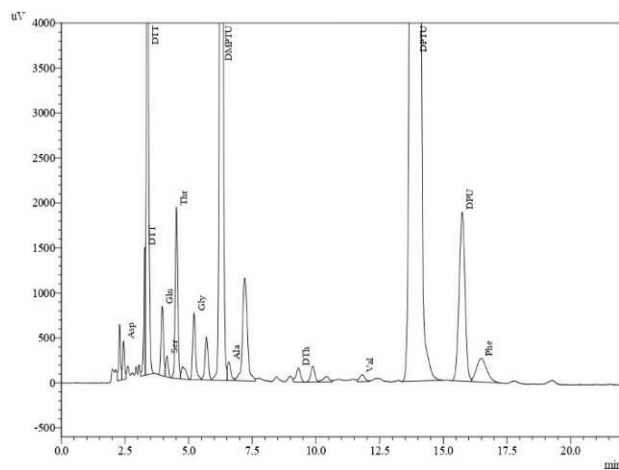


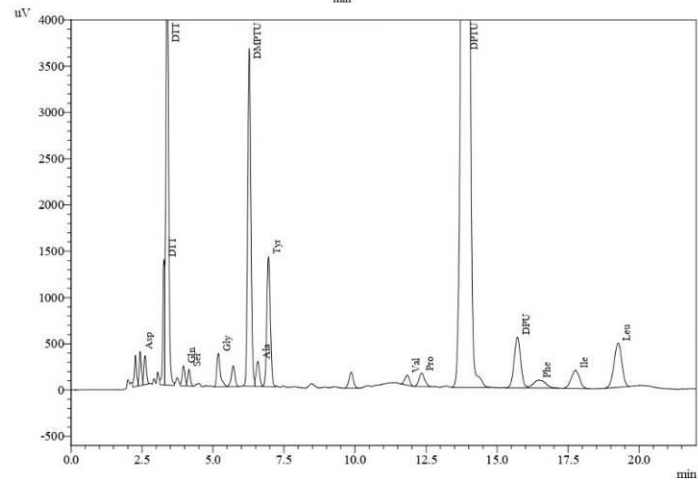
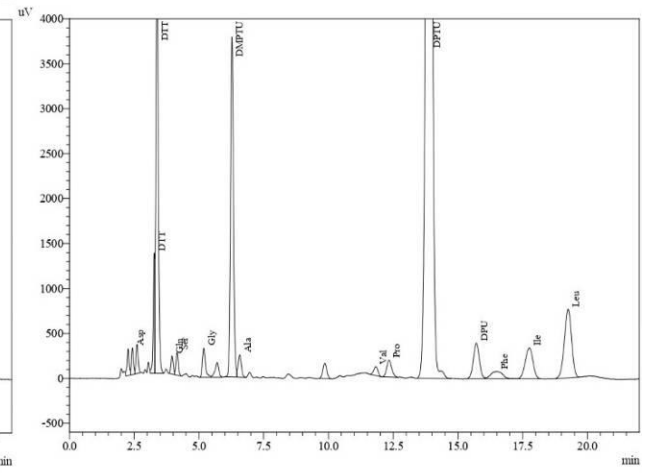
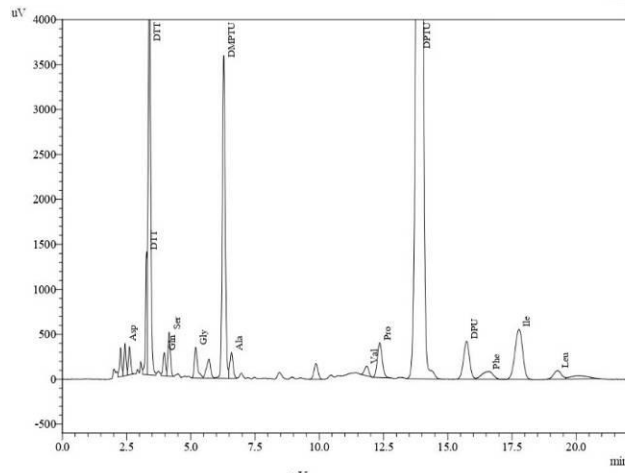
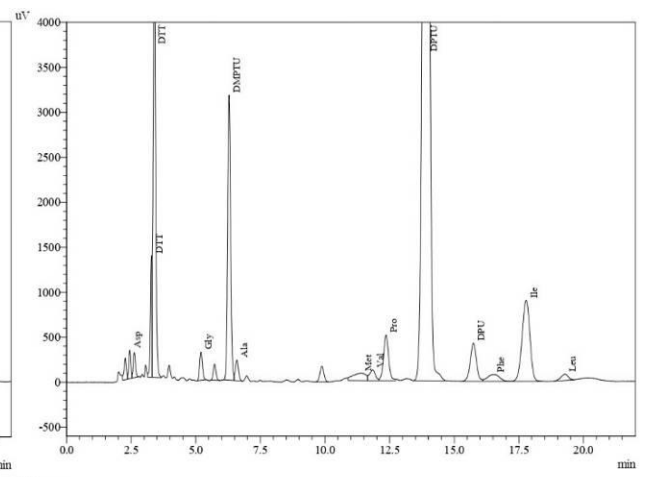
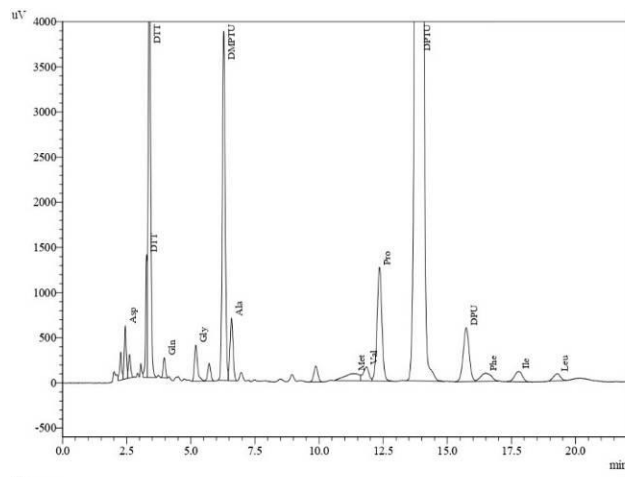
B



C

Figure S2. Activity of Sa-HFB1 against pathogenic clinical isolates of *Cryptococcus neoformans* 297m (A) *Candida albicans* 1582m (B) and *Aspergillus fumigatus*.





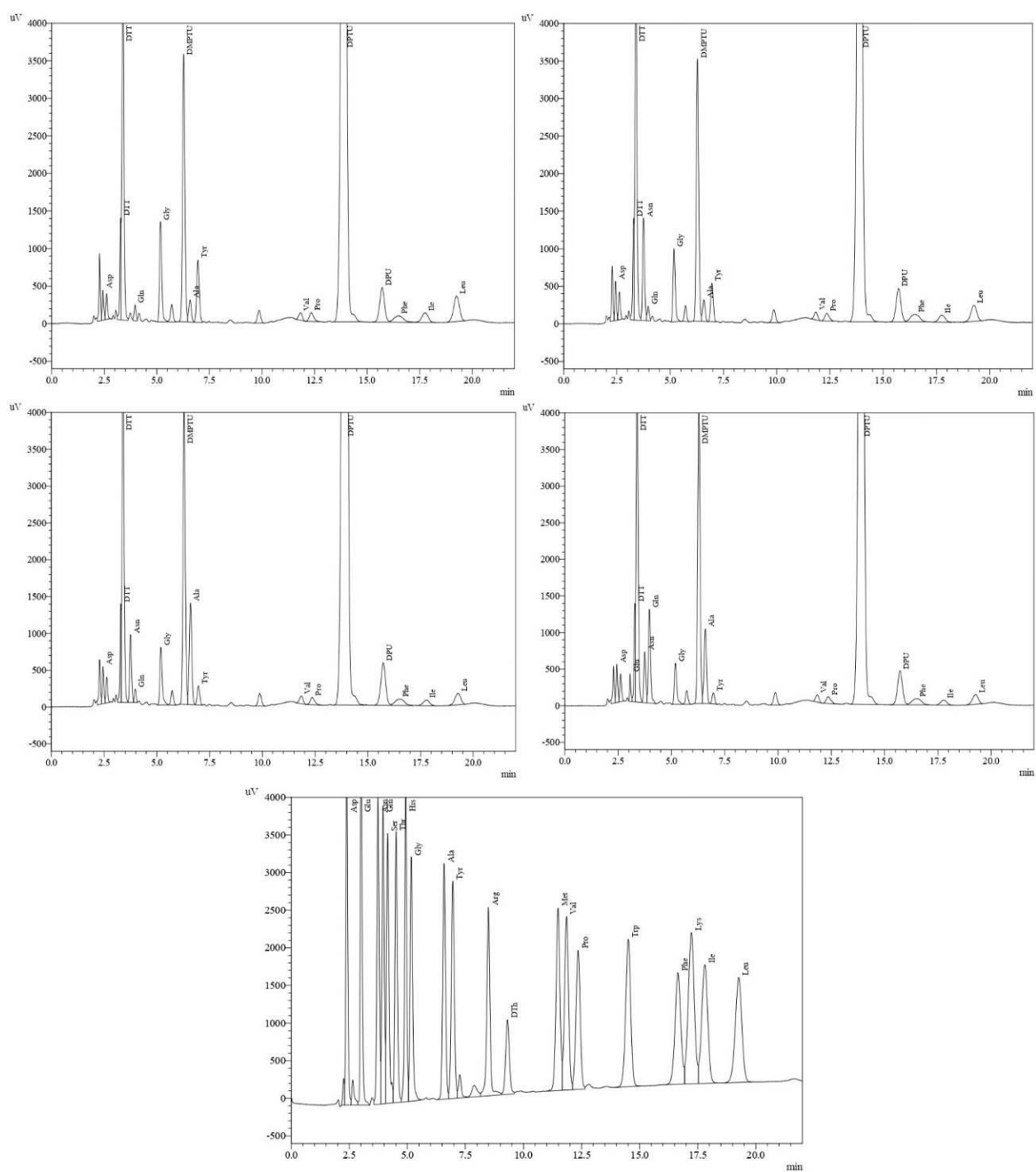


Figure S3. Chromatograms of PTH derivatives of amino acids in N-terminal automated sequencing.

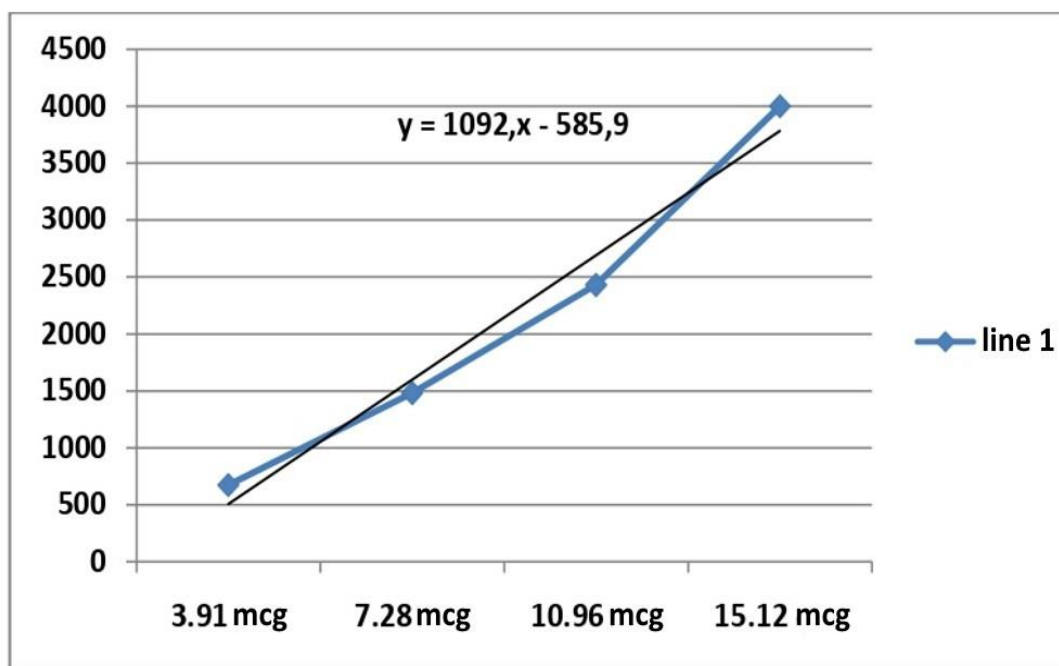


Figure S4. Hydrophobin HPLC calibration.