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CERTIFICATE OF STANDARDIZATION

Product Name:	Lion's Mane fruiting bodies powder	Report Date:	07.10.2025
Scientific Name:	<i>Hericium erinaceus</i>	Batch Number:	3C/25
Mfg. Date:	22.08.2025		
Expiry Date:	22.08.2027		
Weight:	5 kg	Storage:	Below 25 °C

Item	Specification	Result
Total polysaccharides ¹	Min. 50%	(54.2 ± 2.1)%
Beta-(1->3/1->6)-glucan ²	Min. 20%	(23.9 ± 0.1)%
Alpha-glucan ²	Min. 0.1%	(0.2 ± 0.0)%
Total glucan ²	Min. 20%	(24.1 ± 0.1)%
Hericenone C ³	0.200 mg/g	0.217 mg/g
Total hericenones C-H ³	0.400 mg/g	0.470 mg/g
Ergosterol ³	1.500 mg/g	1.854 mg/g
Pesticides* ⁴	< 1 mg/kg	Not detected
*Biphenyl, 2,6-Dichlorobenzonitrile, 3,4-Dichloroaniline, Methacrifos, Ethalfluralin, Trifluralin, Benfluralin, Tetrahydrophthalimide, Tetrachloronitrobenzene, 2,3,5,6-Tetrachloroaniline, Profluralin, Diphenylamine, Sulfotepp, Fluchloralin, Terbufos, Pentachloronitrobenzene, Dichloran, Pentachlorobenzonitrile, Prodiamine, Pentachloroaniline, Chlorothalonil, Fenchlorphos (Ronnell), Tolclofos-methyl, Isopropalin, Malathion, Dichlofluanid, Bromophos methyl, Pendimethalin, Fenthion, Bromophos-ethyl, Chlorfenvinphos, Tolyfluanid, Bromfenvinphos methyl, Prothiofos, Oxyfluorfen, Tetrachlorvinphos, Bromfenvinphos ethyl, Profenofos, Fenamiphos, Iodofenphos, Chlorthiophos, Nitrofen, Ethion, Sulprofos, Carbophenothion, Nitralin, Edifenphos, Leptophos, Coumaphos		
Heavy metals ⁵		
Cadmium (Cd)	< 2 mg/kg	Not detected
Arsenium (As)	< 2 mg/kg	Not detected
Lead (Pb)	< 2 mg/kg	Not detected
Mercury (Hg)	< 2 mg/kg	Not detected

¹ Spectrophotometric method with DNS

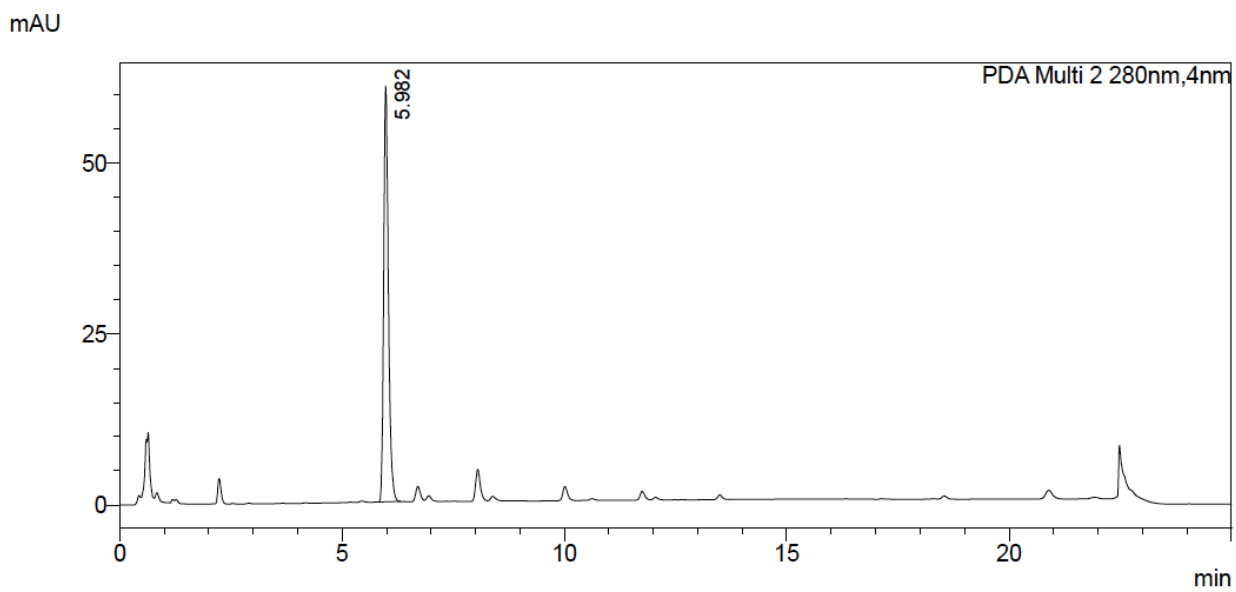
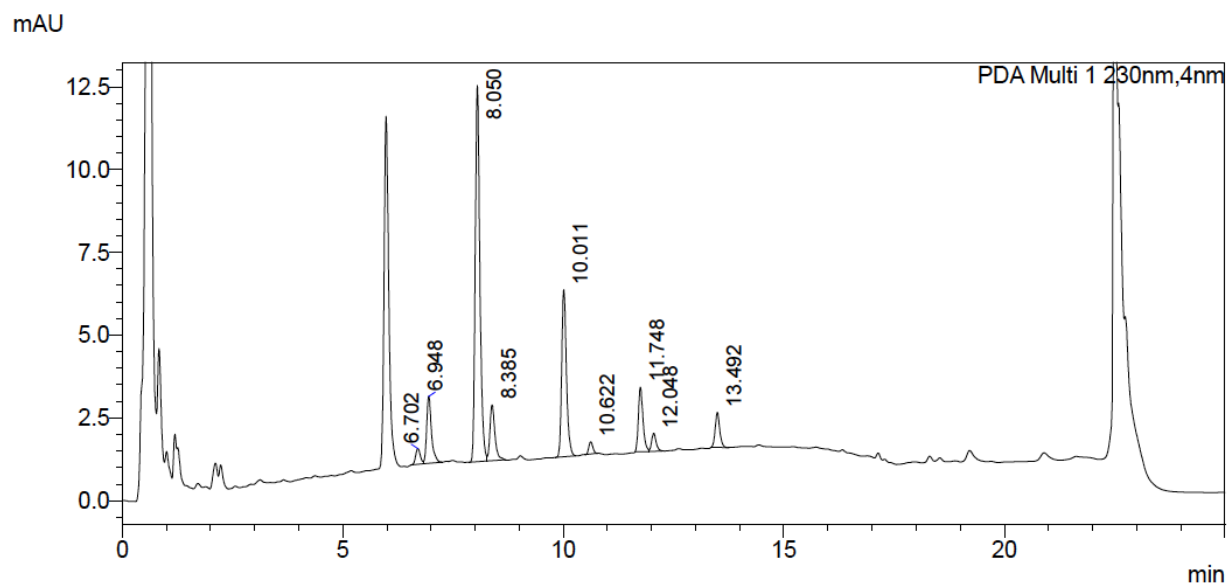
² β-Glucan Assay Kit K-YBGL (Yeast and Mushroom), Megazyme

³ Method HPLC C8

⁴ Method PB-CL-4:2019/wyd.2. z 04.06.2020/GCMS/NA

⁵ Method PB-CL-5:2019/wyd.3. z 20.05.2021/ICP/NA

Fingerprint chromatograms



Approved by: Wojciech Krzyczkowski, PhD