

Pomarium Satmaricum Kft

H-4824 Szamosszeg

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Megrendelőlap

Címzett	Tárgy
Dr. Péter Gábor, Szent István Egyetem Mezőgazdasági és Ipari Mikroorganizmusok Nemzeti Gyűjteménye 1118 Budapest Somlói út. 14-16 Tel/Fax: 06-1-482-6322 gabor.peter@uni-corvinus.hu	Rendelés Kézbesítve-elküldve: személyesen

Tisztelt Nemzeti Törzsgyűjtemény!

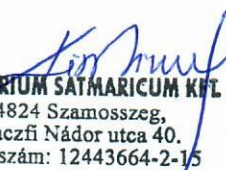
Szeretnénk megrendelni Önöktől a telefonon egyeztetettek szerint a csatolt formanyomtatványok és specifikációk szerinti 1 féle agar tenyészetben elkészített bakteriális preparátumok szabadalmi letétjét, 5 évre.

Bacillus licheniformis, HUN 2020/PS-BL-02 CHI OVPRO FUNGI

A számla kiállításnak címe:	A certifikátok átvételét személyesen kérjük:
Pomarium Satmaricum Kft. 4824 Szamosszeg Laczi nádor utca 40	Dr. Kiss Gábor szakmai igazgató Pomarium Satmaricum Kft MIMNG Corvinus, Somlói út

A átvétellel megbízott személy a Pomarium Satmaricum Kft részéről Kiss Gábor (06-70-566-3020). Esetleges kérdéseikkel kapcsolatban a pomariumsatmaricum@gmail.com elektronikus címen, vagy a fenti telefonszámon tudunk válaszolni.

Szívélyes üdvözléssel:


POMARIUM SATMARICUM KFT
4824 Szamosszeg,
Laczi Nádor utca 40.
Adószám: 12443664-2-15

Kiss Tímea
ügyvezető
Pomarium Satmaricum Kft

Budapest, 2020. 07. 29.

**Budapest Treaty of 28 April 1977 on the International Recognition of the
Deposit of Microorganisms for the Purposes of Patent Procedure.
Statement in the case of an original deposit
pursuant to Rule 6.1**

Send to: National Collection of Agricultural and Industrial Microorganisms H-1118 Budapest, Somlói út 14-16. Hungary	Accession Number: NCAIM (P)- (number to be filled in by NCAIM)
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The undersigned hereby deposits under the Budapest Treaty the microorganism identified hereunder and undertakes not to withdraw the deposit for the period specified in Rule 9.1 ¹

I. Identification of the microorganism:

I.1 Identification reference:

(Number, symbols, etc. given to the microorganism by the depositor)

Bacillus licheniformis, HUN 2020/PS-BL-02 CHI OVPRO FUNGI

I.2 Is this a mixture of microorganisms ?

Yes ☐ - No ☐

☐ ²

II. Conditions for cultivation:

Laboratory propagation:	YT Broth, (selective media: M9)
Industrial substrate:	saccharose
Working temperature:	opt.18-37 °C,
pH optimum:	neutral: pH: 6,5 – 7,5
Inactivation:	Streptomycin and kasugamycin sensitive: up from 20 ug/ml, heat inactivation up from 90 °C

☐ ²

III. Conditions for storage:

- Lyophilisation,
or 2x-strenght YT Broth with 40 % final concentration of glycerol, store at - 80 C

¹ This form may also be used if the undersigned converts into a deposit under the Budapest Treaty the deposit of a microorganism that he or his predecessor in title has already deposited, outside the Budapest Treaty, with the same depositary institution either before (Rule 6.4(d)) or after the acquisition by that institution of the status of international depositary authority.

² Mark this box with a cross if additional information is given on an attached sheet.

IV. Conditions for testing viability:

☐ ²

Laboratory propagation:	YT Broth, YTA, (selective media: M9)
Laboratory activity:	Strong and multiple chytinase activity (production of selective endochytinases) multiple production of amino acids (Try, Pro) mild indol-acetate production, cyclic peptid production by tiotemplate synthesis Biologiocl antagonism, inhibition effect against most frequent phytopathogen fungus
Working temperature:	opt.25-37 °C,

V. Components of mixture: (in case the answer to I.2 is "Yes")

☐ ²

V.1 Description of components:

not relevant

V.2 Method(s) for checking presence of components:

not relevant

VI. Properties dangerous to health or environment:

☐ ²

(Mark with a cross the applicable box)

☐ The microorganism identified under **I** above has the following properties which are or may be dangerous to health or the environment:

☐ The undersigned is not aware of such properties.

Biosafety level:

Class-I (BSL-I), non-pathogenic, non-pyrrogenic germ
Not show human toxicity and pathogenity

VII. Scientific description and/or proposed taxonomic designation:

☐ ²

It is strongly recommended that the scientific description and/or proposed taxonomic designation of the microorganism be indicated.

VII.1 Scientific description:

General description:	soil born bacteria, PGPR, selective fungistatic effect,
Genotype:	endochy+++, lich+, gal+, spo+, hsp70+, hsp60+, abi+ tox:LPS-, bla-, rec-, inv-,
Identification method:	genetic: PCR-based identification of 16 s RNA gene of Bacillus licheniformis achived via SybrGreen-I qualtitative real-time PCR assay, biochemistry: Chytine-azure positive, Salkowsky-positive

VII.2 Proposed taxonomic designation:

Identification:	Bacillus licheniformis
Biological activity:	strong and selective endochitinase activity against phytopathogenic fungus, lichenisine surfactant production, siderophore production elevated amino acid and indol-acetate production, stable endospore forming, temperature and heavy metal (Cu, Zn, Mo) tolerance

² Mark this box with a cross if additional information is given on a attached sheet.

VIII. Additional data: (optional)

- the source of the microorganism;

Natural isolates from soil

- the name(s) and address(es) of any other depositary institution(s) with which the microorganism has been deposited;

Not relevant

- the criterion used when drafting the proposed taxonomic designation.

Not relevant

IX. If the depositor is a legal entity and if official notifications should not be sent to the address given in point XII, then indicate name and address of the person to whom official notifications should be sent:

Name : not relevant

Address : not relevant

X. If the depositor has a patent agent:

Will this patent agent handle all communications with NCAIM instead of the depositor?

Yes ☐- No ☐

Should NCAIM send the patent agent a copy of the official receipt and viability statement?

Yes ☐- No ☐

Name:

Address:

XII. Depositor:

Name: Kiss Tímea, managing director, Pomarium Satmaricum Ltd,

Address: H-4824, Szamosszeg, Laczfi nádor u. 40.

Signature:


POMARIUM SATMARICUM KFT
4824 Szamosszeg,
Laczfi Nádor utca 40.
Adószám: 12443664-2-15

(Where the signature is required on behalf of a legal entity, the typewritten name(s) of the natural person(s) signing on behalf of the legal entity should accompany the signature(s)).

Date: 2020.07.29., Budapest