

Probant 1.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

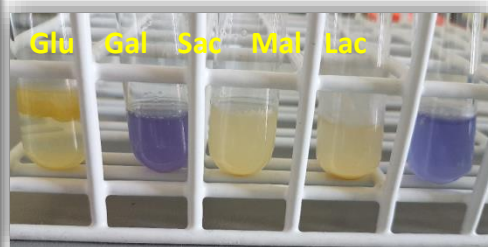


2. Mikromorfologia

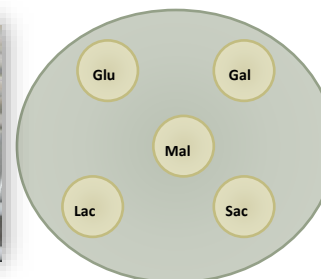


3. Cechy biochemiczne:

a) Zymogram:



b) Auksanogram:



Glu - +
Gal - +
Sac - +
Mal - +
Lac - -

c) Zdolność do wytwarzania witamin: brak

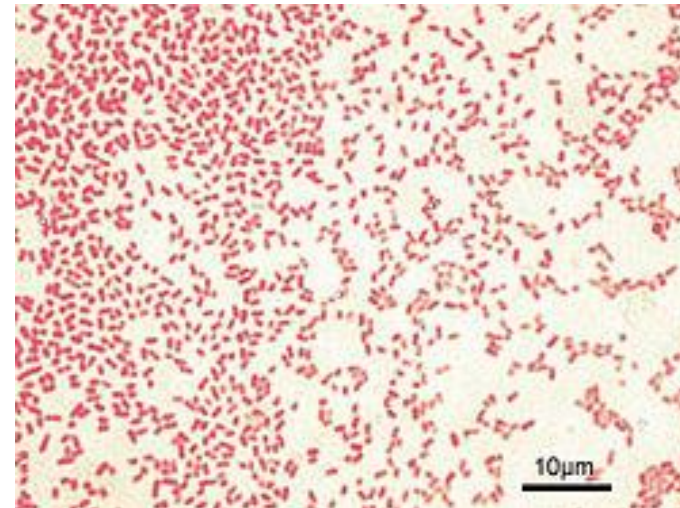
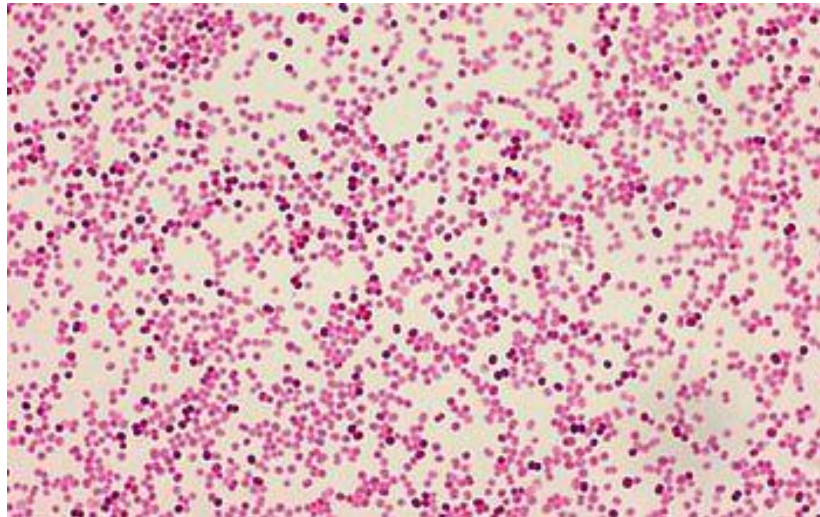
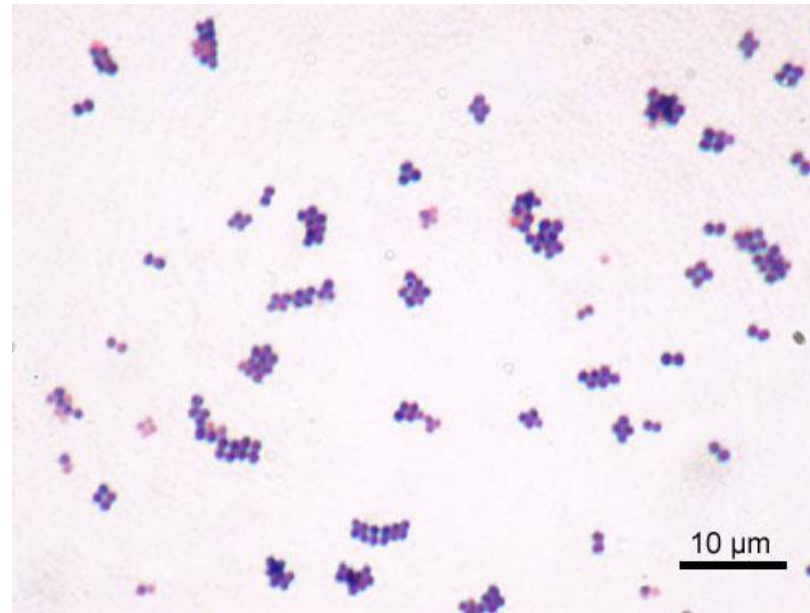
Cechy charakterystyczne dla gatunku:

W obecności surowicy ludzkiej tworzy charakterystyczne tzw. *germ tubes*.



Probant 1.

*Obraz mikroskopowy
wychodowanych bakterii*



Probant 2.



Ryc. 1. Hodowla na agarze z krwią



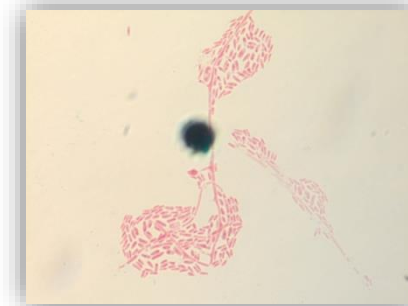
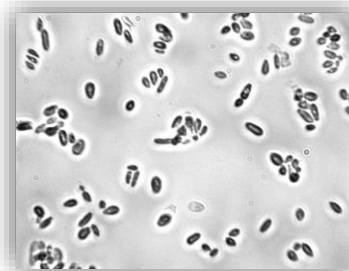
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia



2. Mikromorfologia

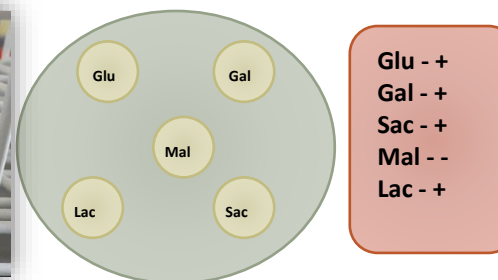


3. Cechy biochemiczne:

a) Zymogram:



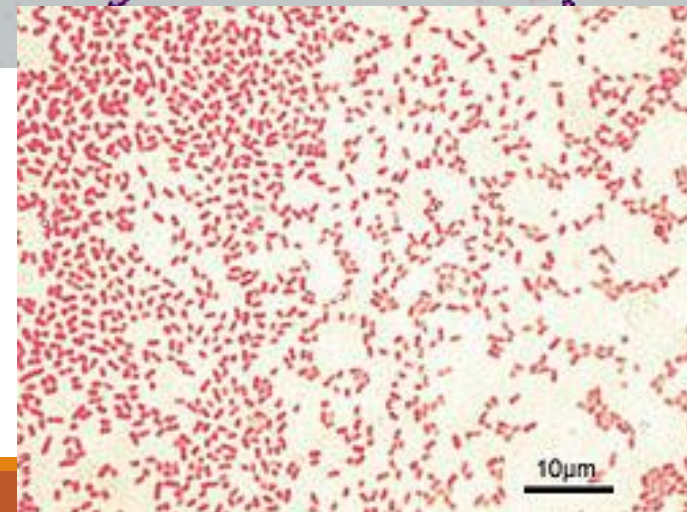
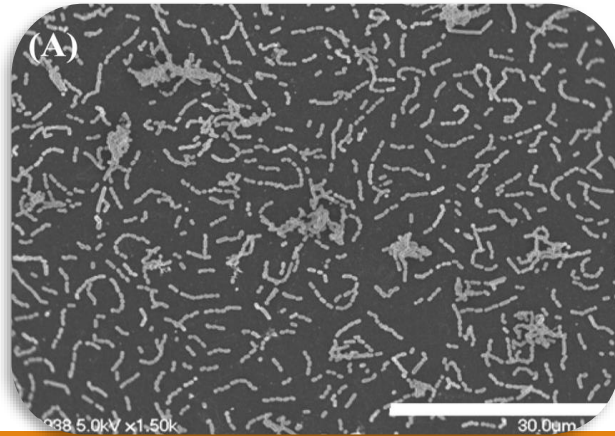
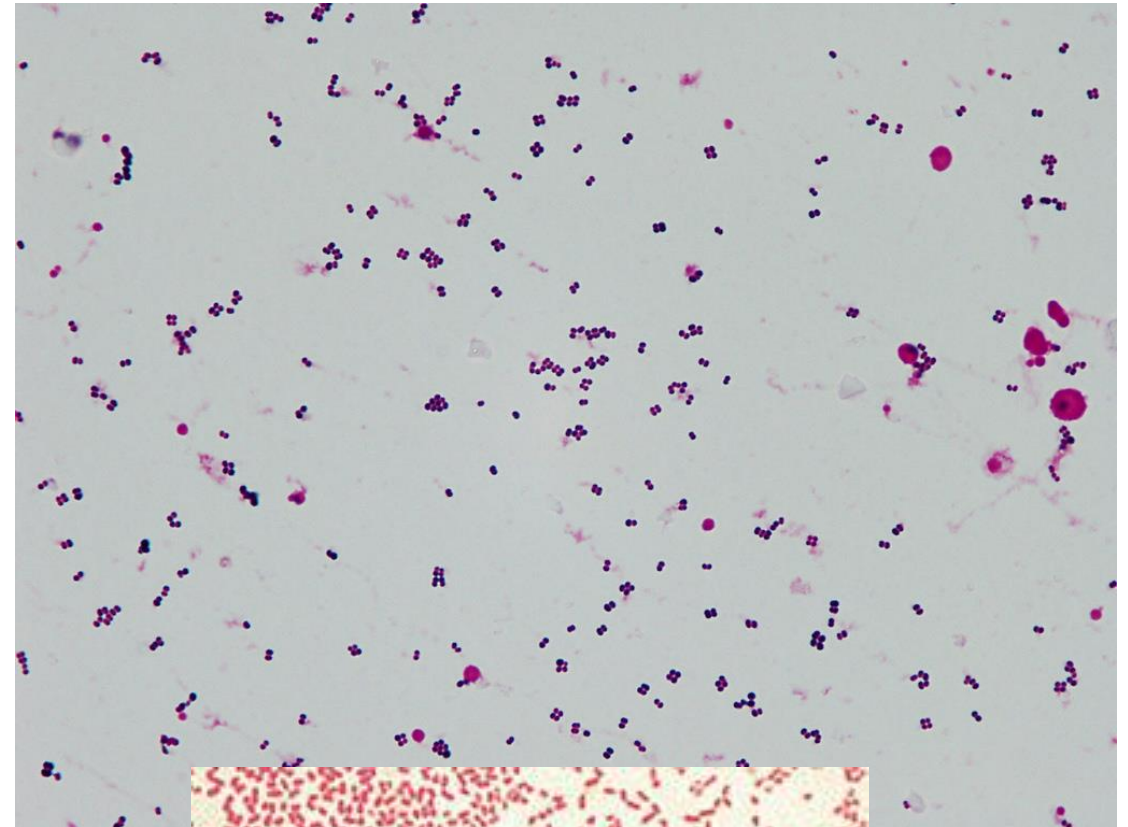
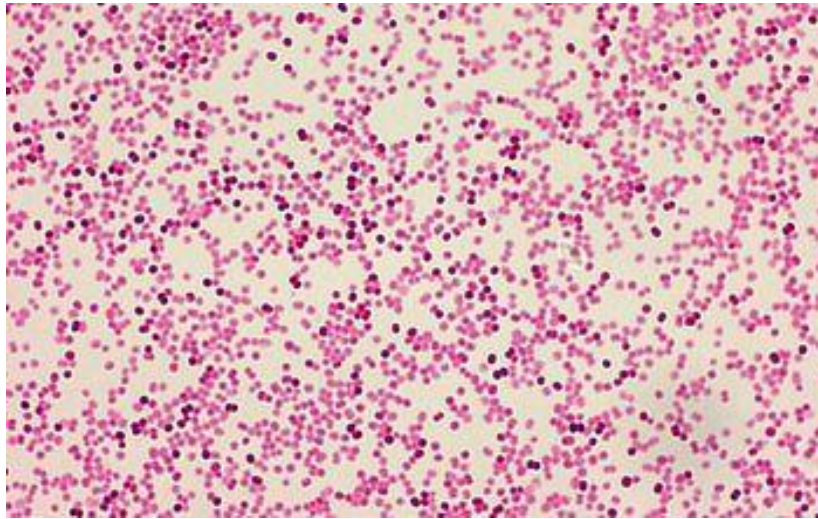
b)



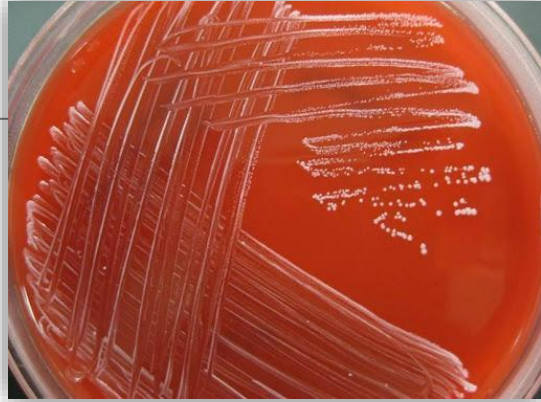
c) Zdolność do wytwarzania witamin: brak
Cechy charakterystyczne dla gatunku:

Probant 2.

*Obraz mikroskopowy
wychodowanych bakterii*



Probant 3.



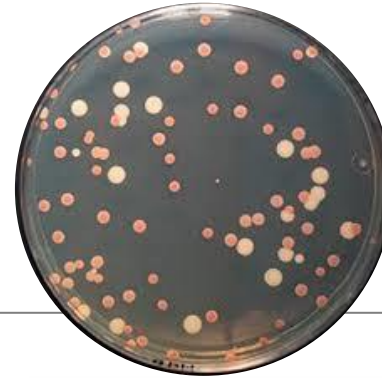
Ryc. 1. Hodowla na agarze z krwią



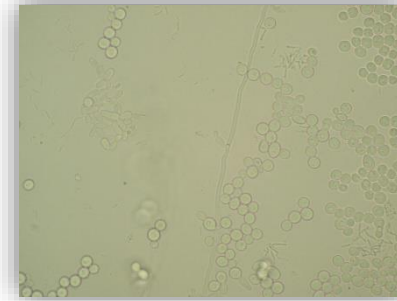
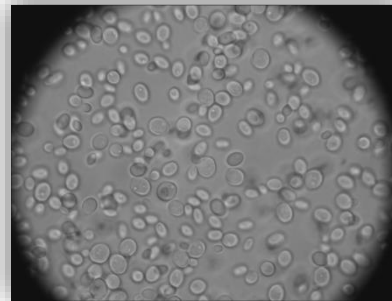
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

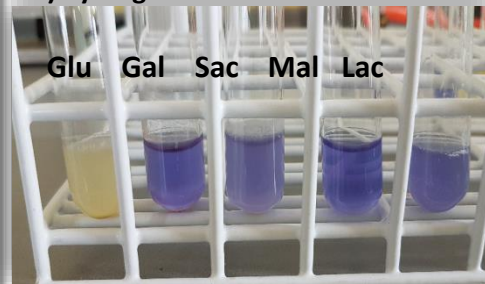


2. Mikromorfologia

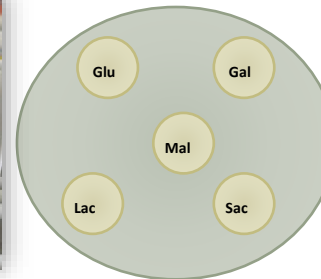


3. Cechy biochemiczne:

a) Zymogram:



b) Auksanogram:



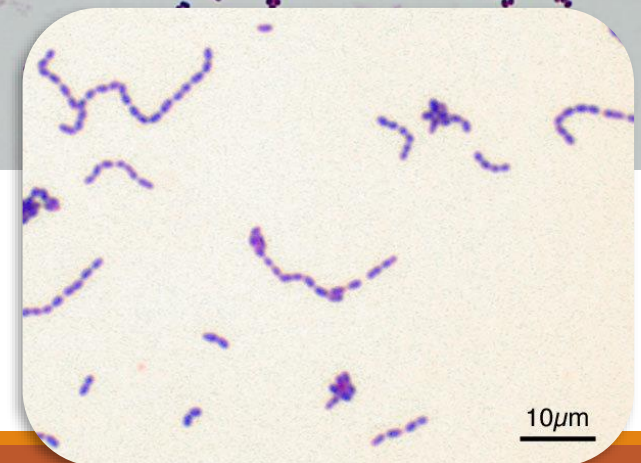
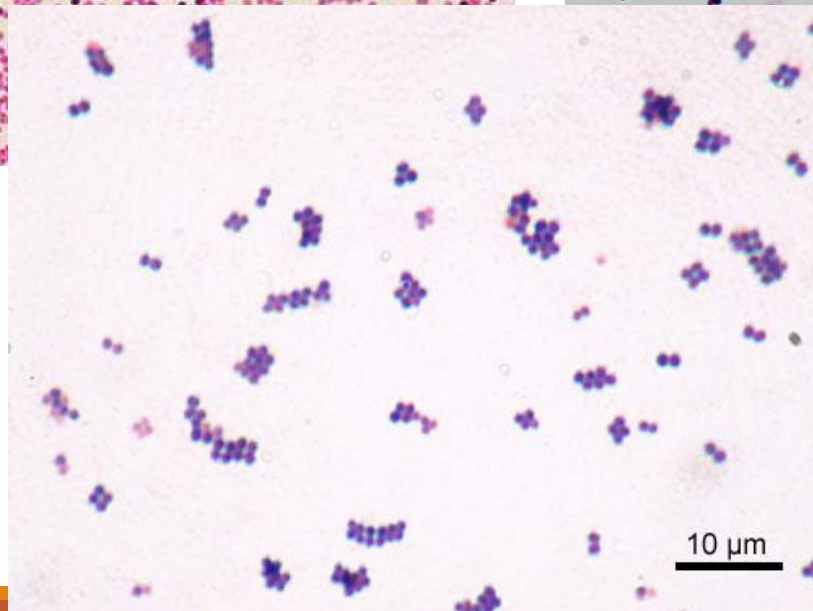
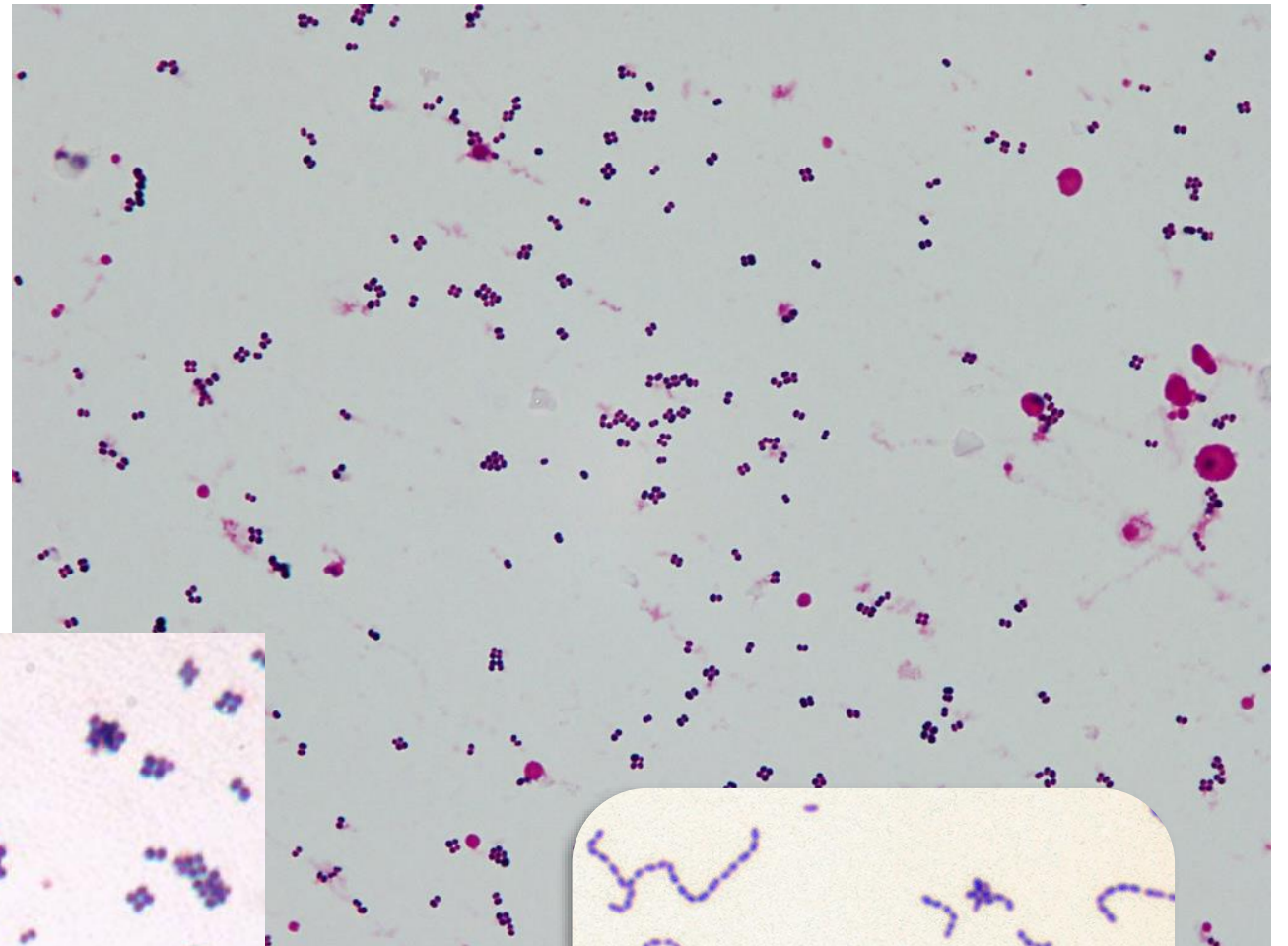
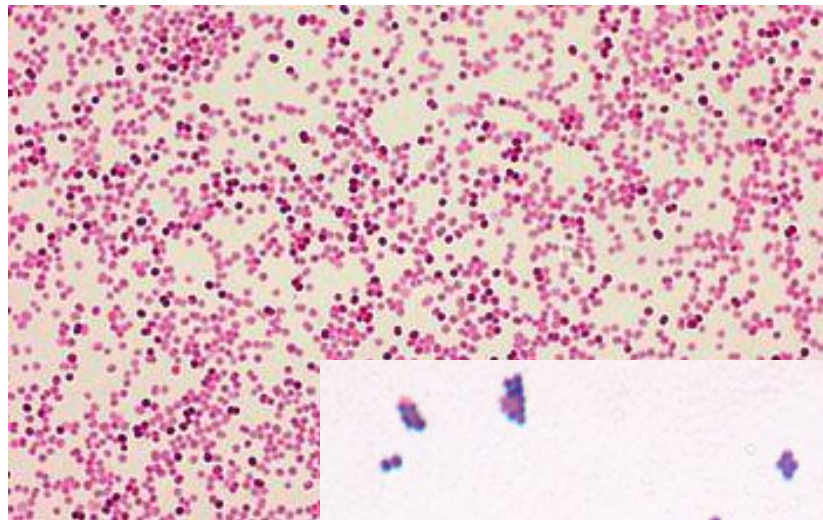
Glu - +
Gal - +
Sac - +
Mal - +
Lac - -

c) Zdolność do wytwarzania witamin: brak

Cechy charakterystyczne dla gatunku:

Probant 3.

*Obraz mikroskopowy
wychodowanych bakterii*



Probant 4.



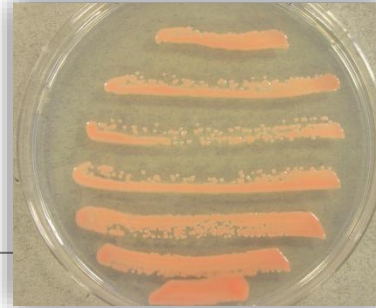
Ryc. 1. Hodowla na agarze z krwią



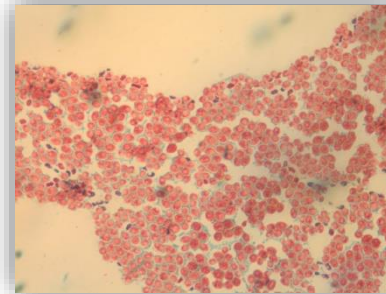
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

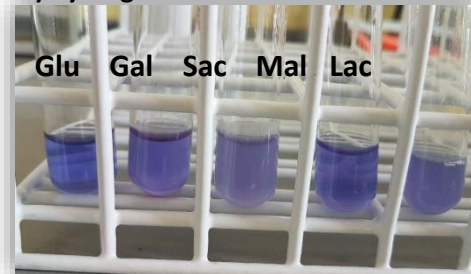


2. Mikromorfologia

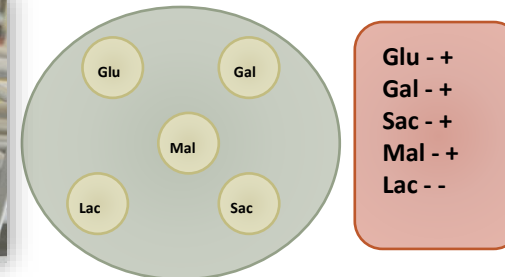


3. Cechy biochemiczne:

a) Zymogram:



b) Auksanogram:



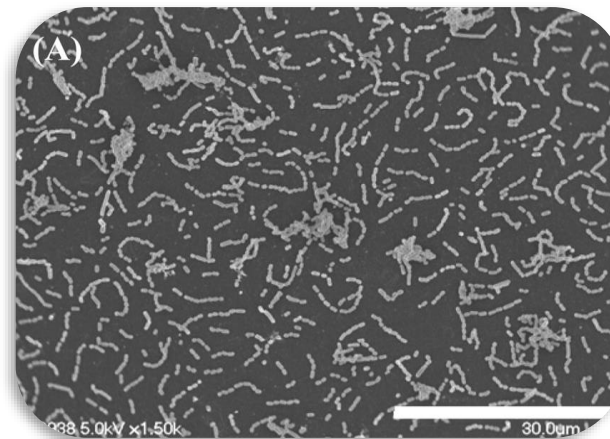
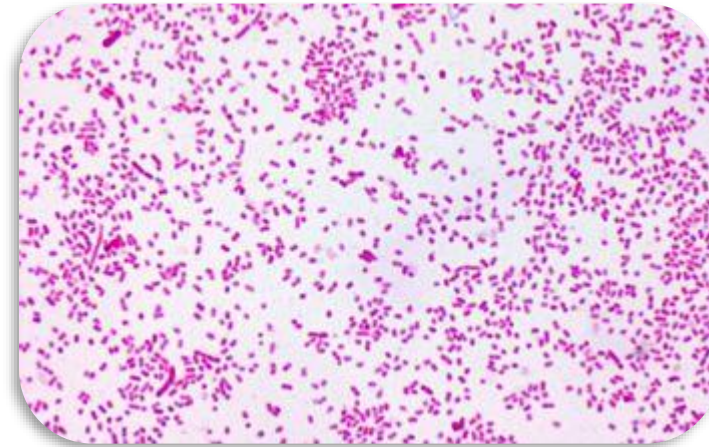
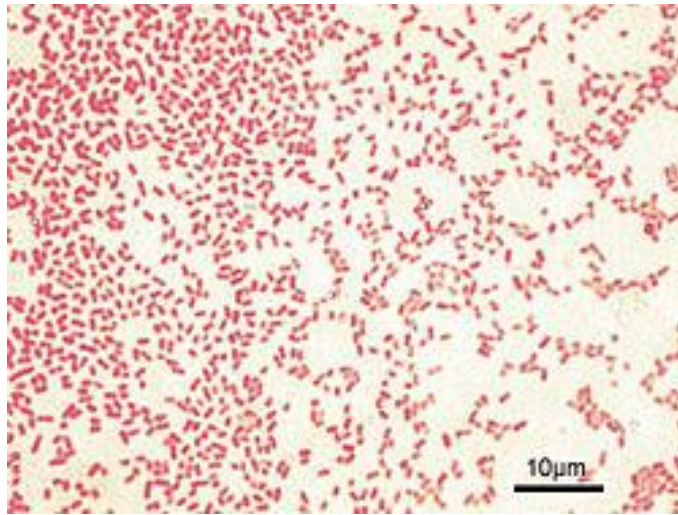
c) Zdolność do wytwarzania witamin: brak

Cechy charakterystyczne dla gatunku:

- Wzrost stymuluje tiamina.
- Przyswaja azot z azotynu i azotanu potasowego.
- Wytwarza ureazę.
- Posiada stadium teleomorficzne – Newell et Hunter 1970, wytwarza ciemnobrązowe zarodniki podstawkowe – bazydiospory.

Probant 4.

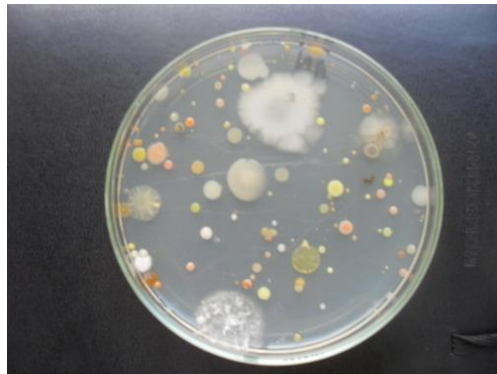
Obraz mikroskopowy wychodowanych bakterii



Probant 5.



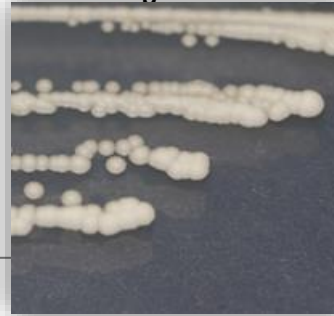
Ryc. 1. Hodowla na agarze z krwią



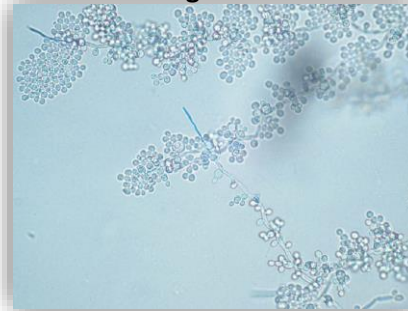
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

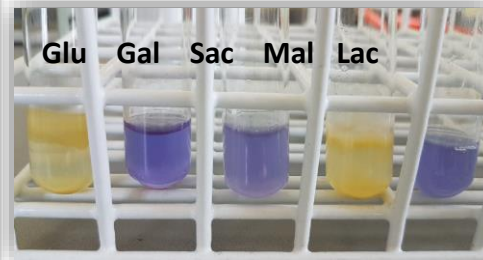


2. Mikromorfologia

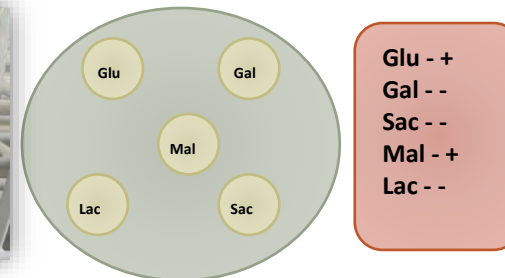


3. Cechy biochemiczne:

a) Zymogram:



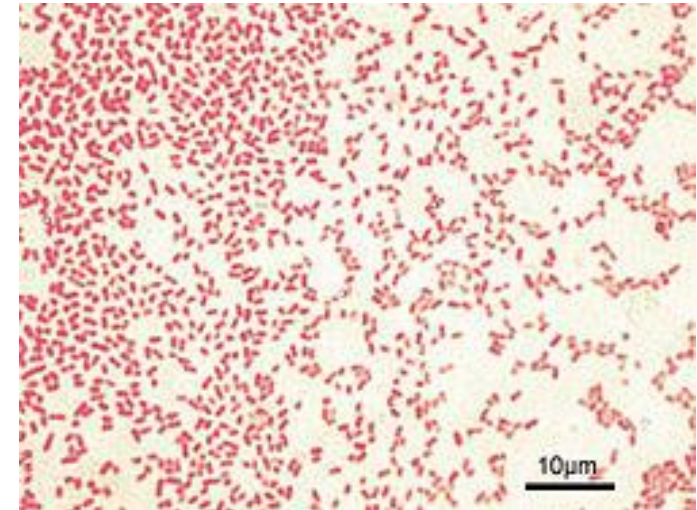
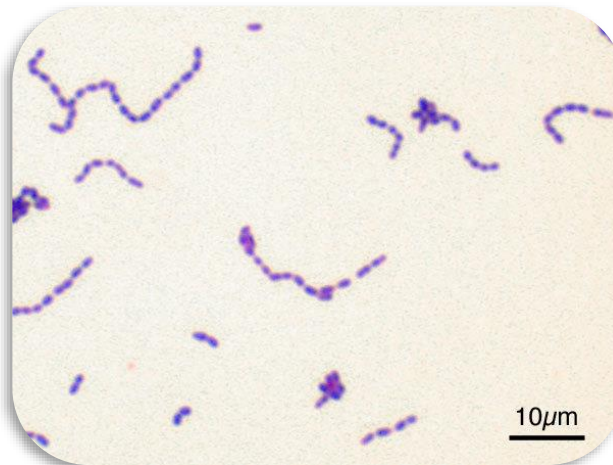
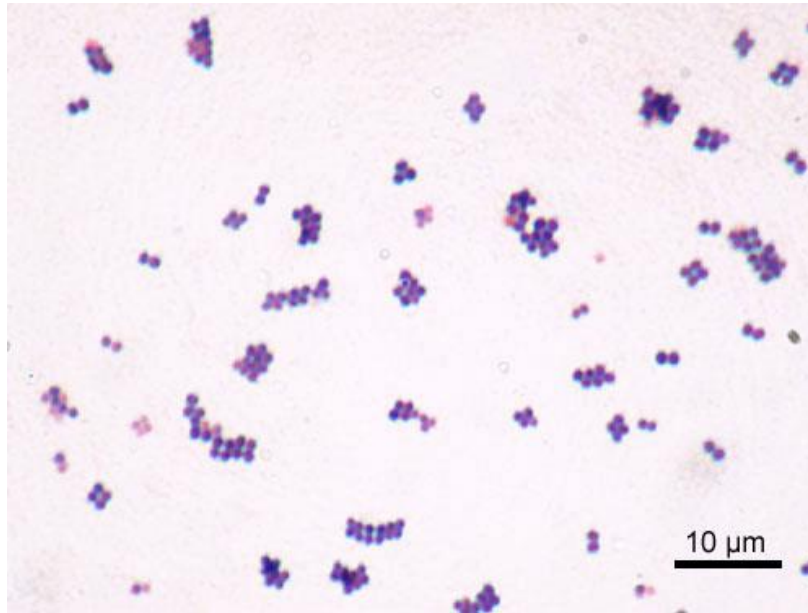
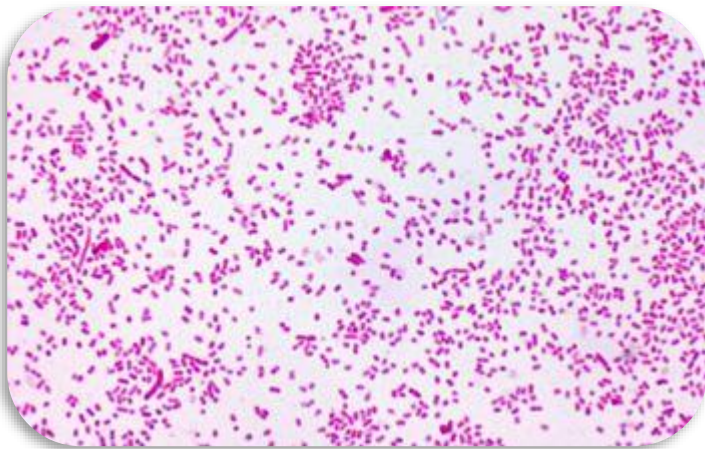
b) Auksanogram:



c) Zdolność do wytwarzania witamin: brak
Cechy charakterystyczne dla gatunku:

Probant 5.

*Obraz mikroskopowy
wychodowanych bakterii*



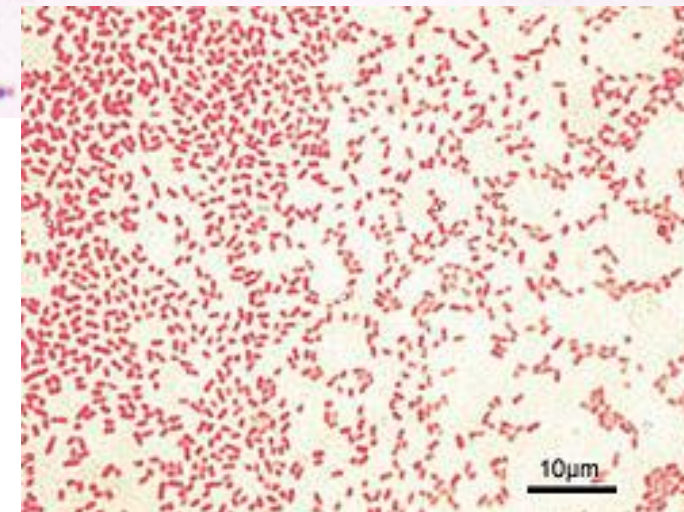
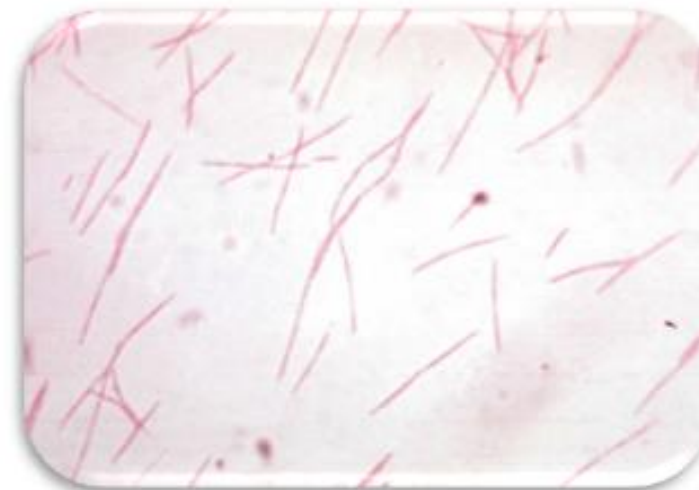
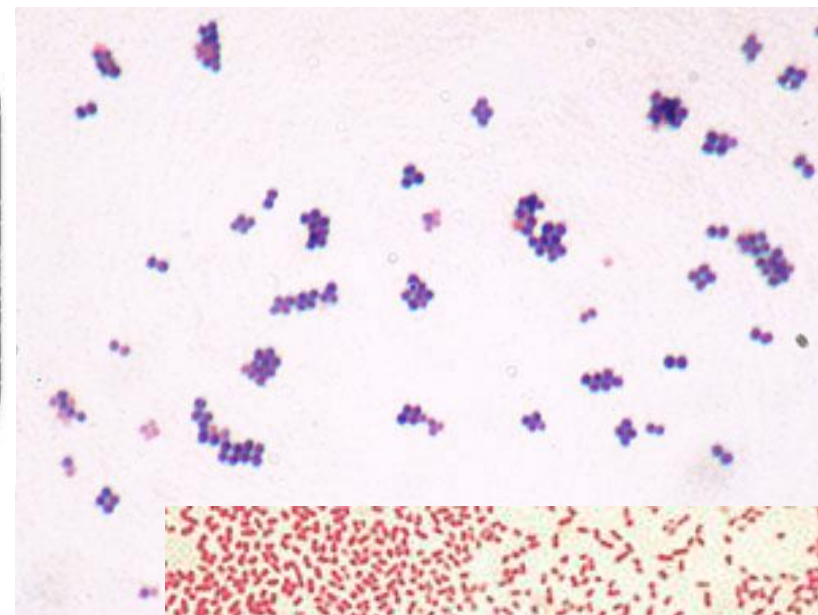
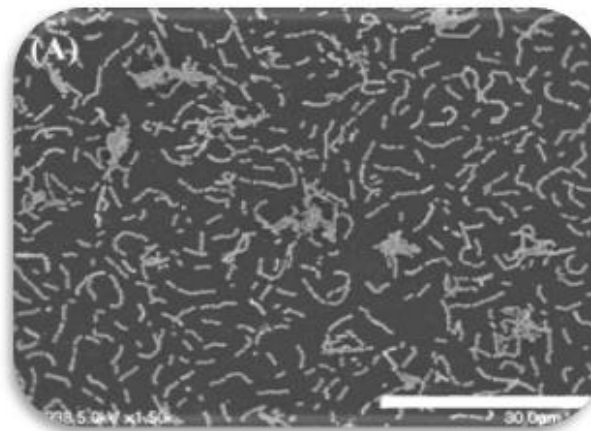
Probant 6.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



***Obraz mikroskopowy
wyhodowanych bakterii***

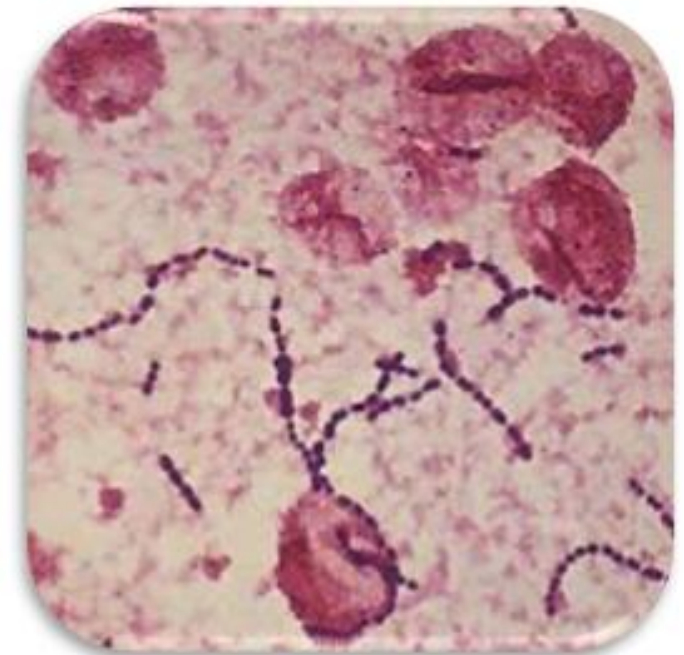
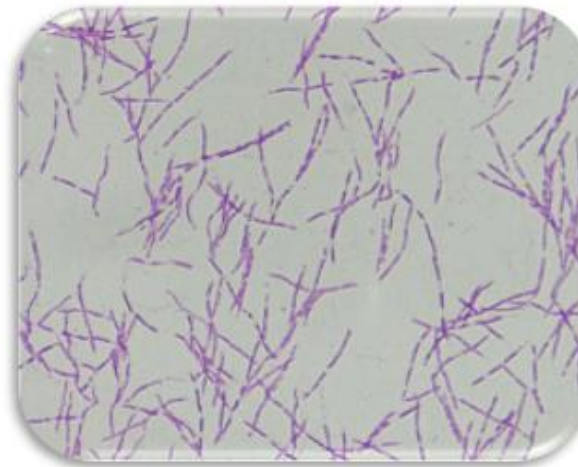
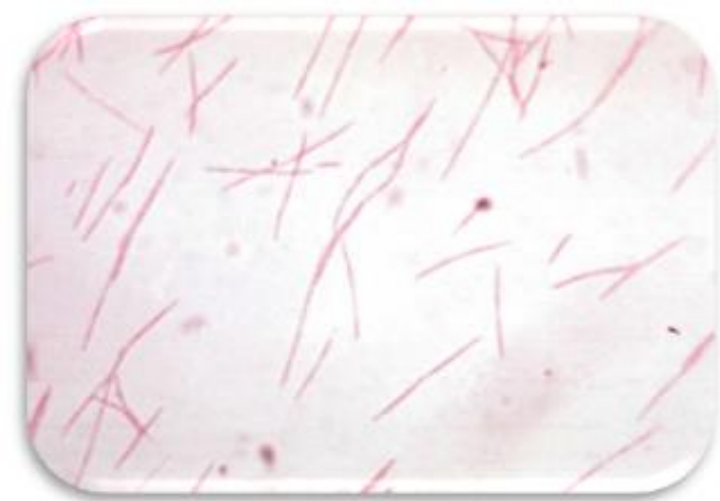
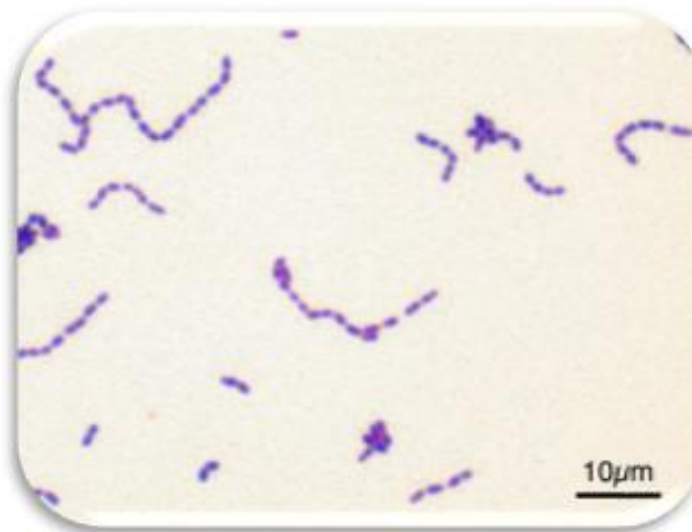
Probant 7.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



***Obraz mikroskopowy
wyhodowanych bakterii***

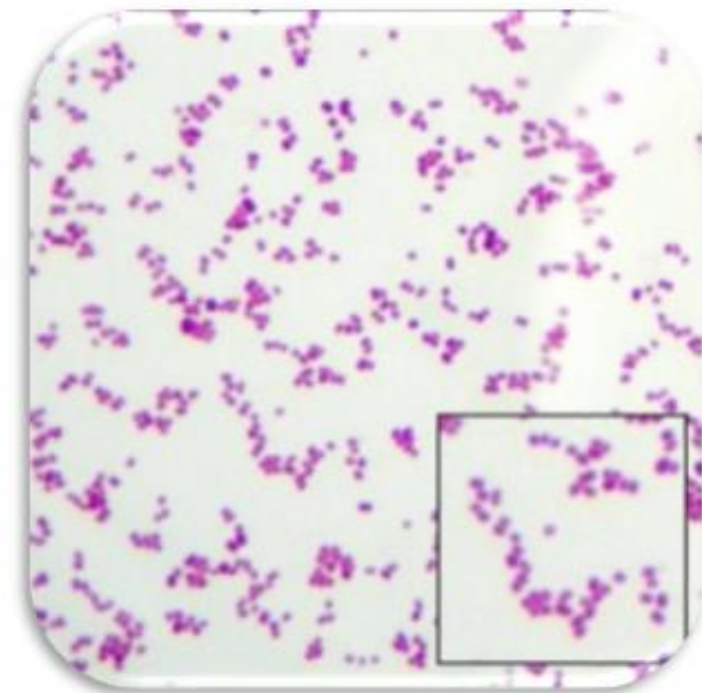
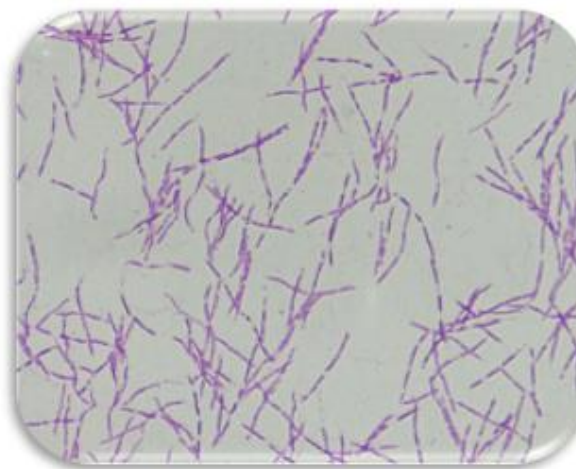
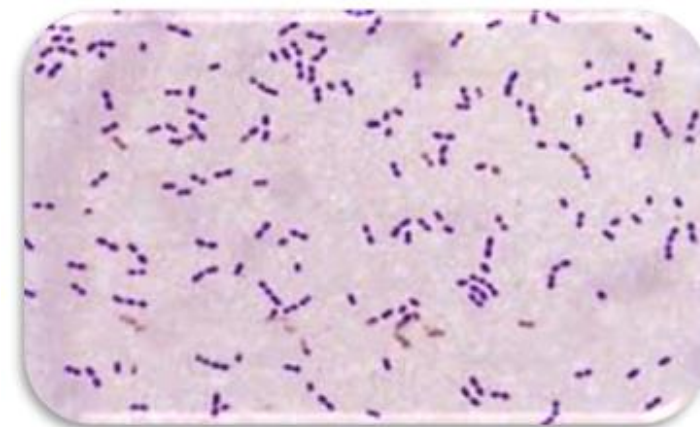
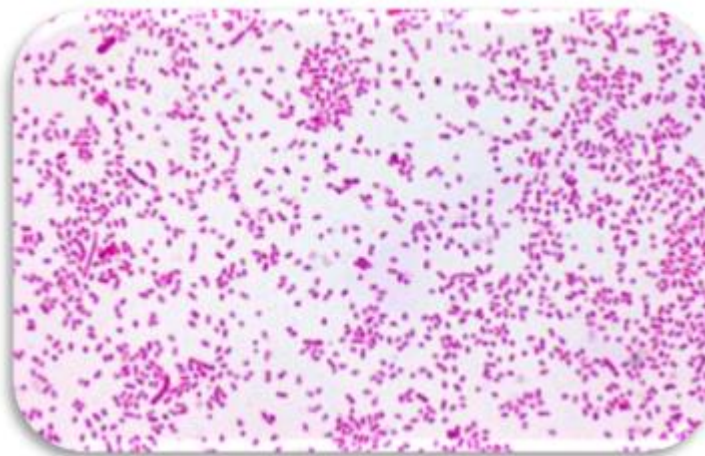
Probant 8.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



***Obraz mikroskopowy
wyhodowanych bakterii***

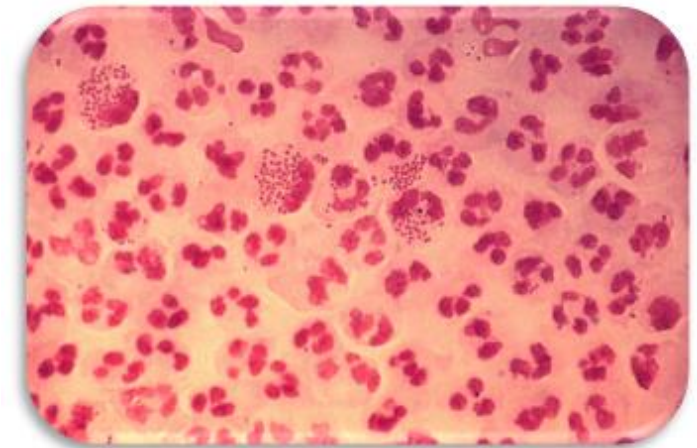
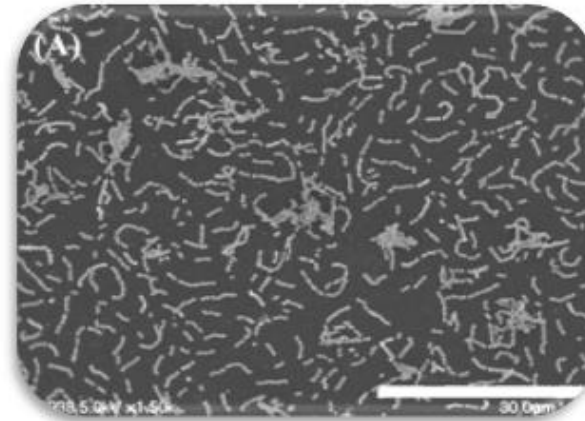
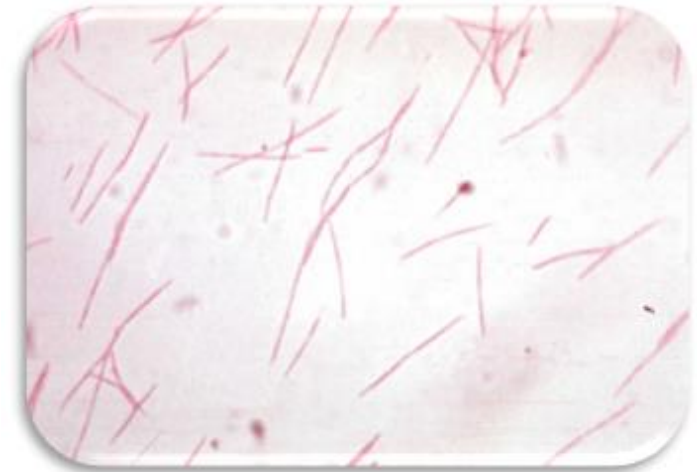
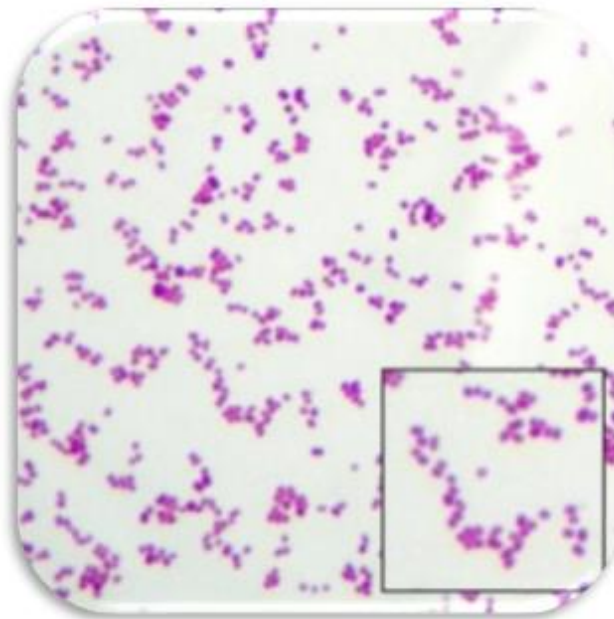
Probant 9.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



***Obraz mikroskopowy
wyhodowanych bakterii***

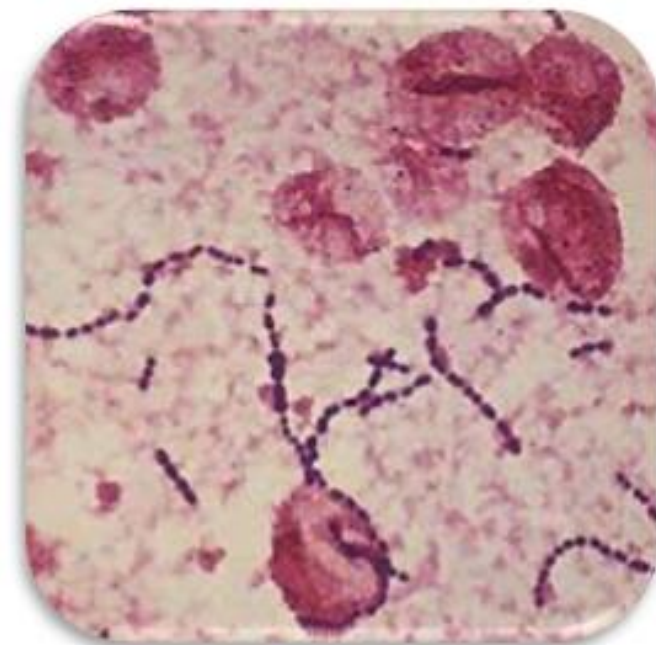
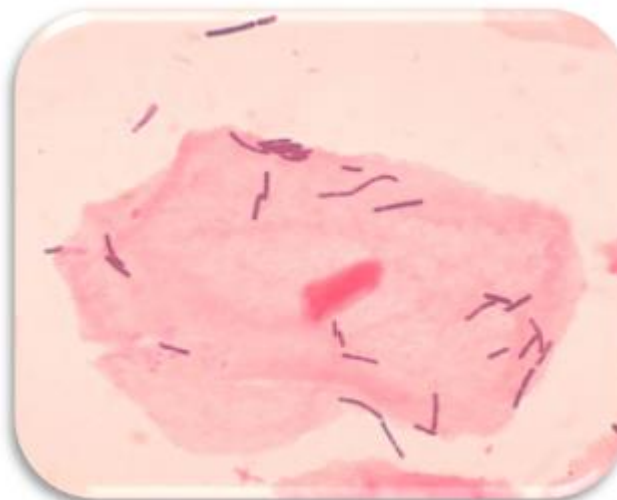
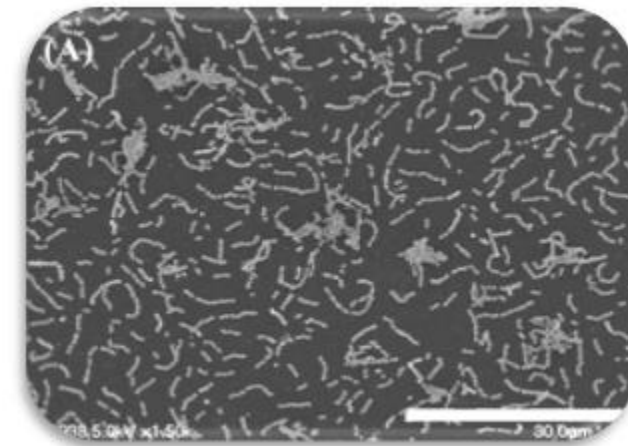
Probant 10.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



***Obraz mikroskopowy
wyhodowanych bakterii***