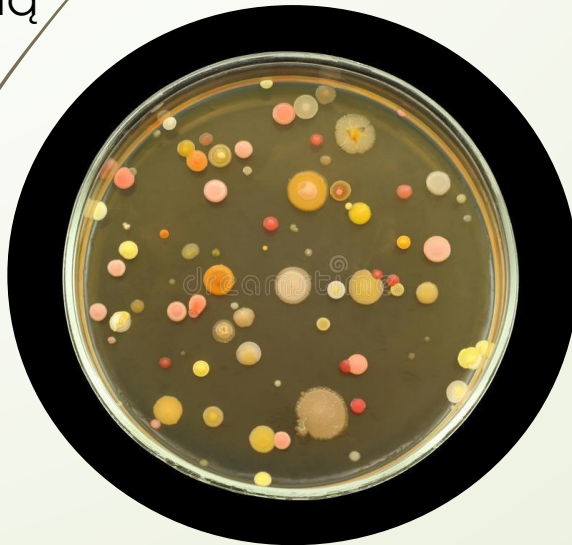


Probant 1.



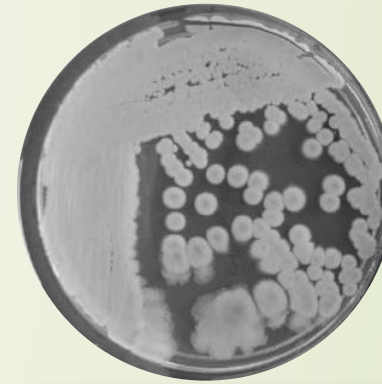
Ryc. 1. Hodowla na agarze z krwią



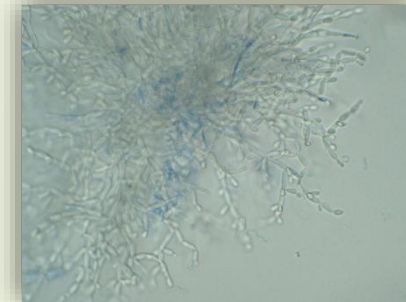
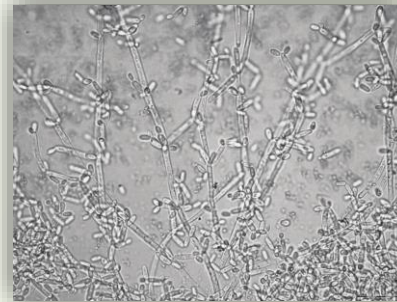
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

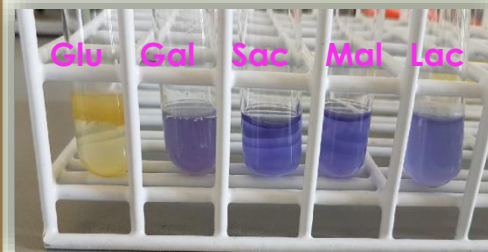


2. Mikromorfologia

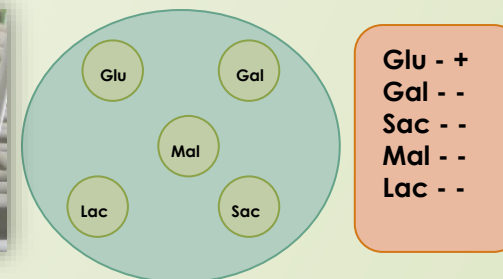


3. Cechy biochemiczne:

a) Zymogram:



b) Auksanogram:



c) Zdolność do wytwarzania witamin: wytwarza

Cechy charakterystyczne dla gatunku:

Posiada stadium teleomorficzne – opisane

przez Kudriavzev 1960.

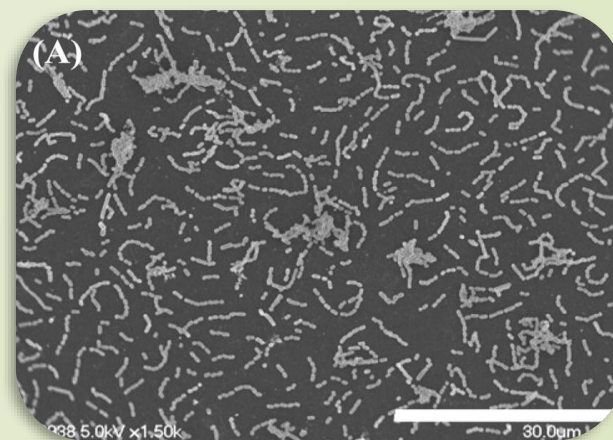
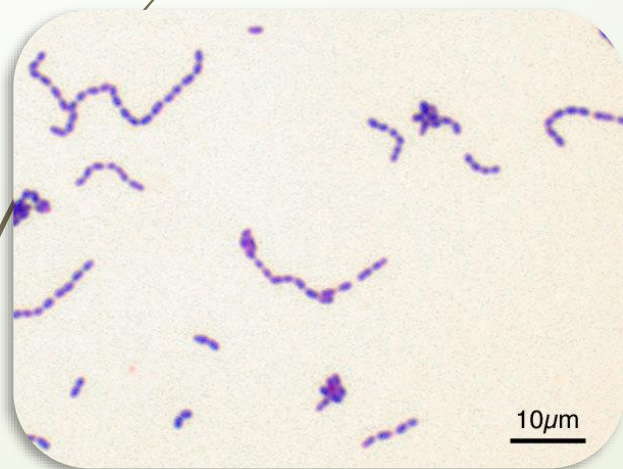
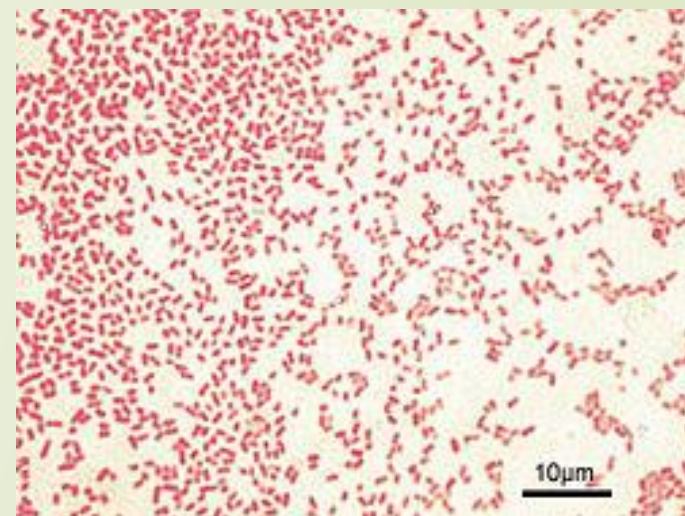
Nie asymiluje nitratów; nie

rozkłada arbutyny, a niektóre szczepy wytwarzają ureazę.

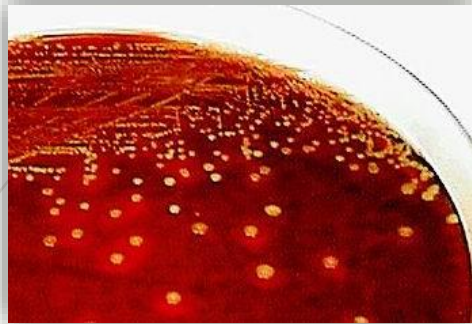


Probant 1.

*Obraz mikroskopowy
wychodowanych bakterii*



Probant 2.



Ryc. 1. Hodowla na agarze z krwią



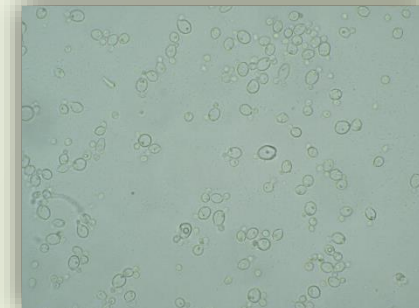
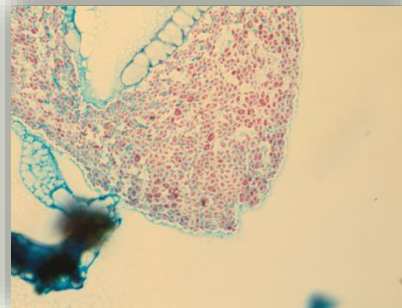
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

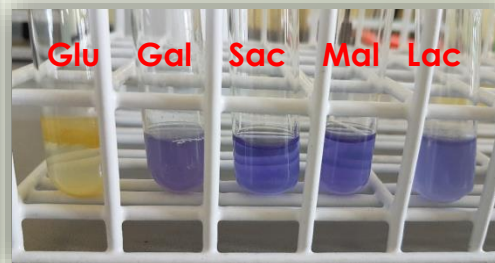


2. Mikromorfologia

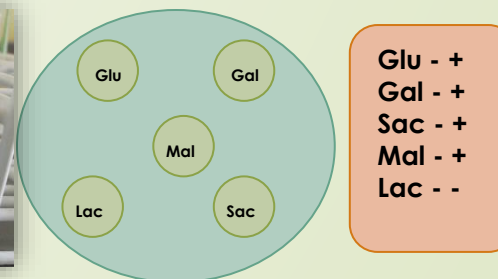


3. Cechy biochemiczne:

a) Zymogram:



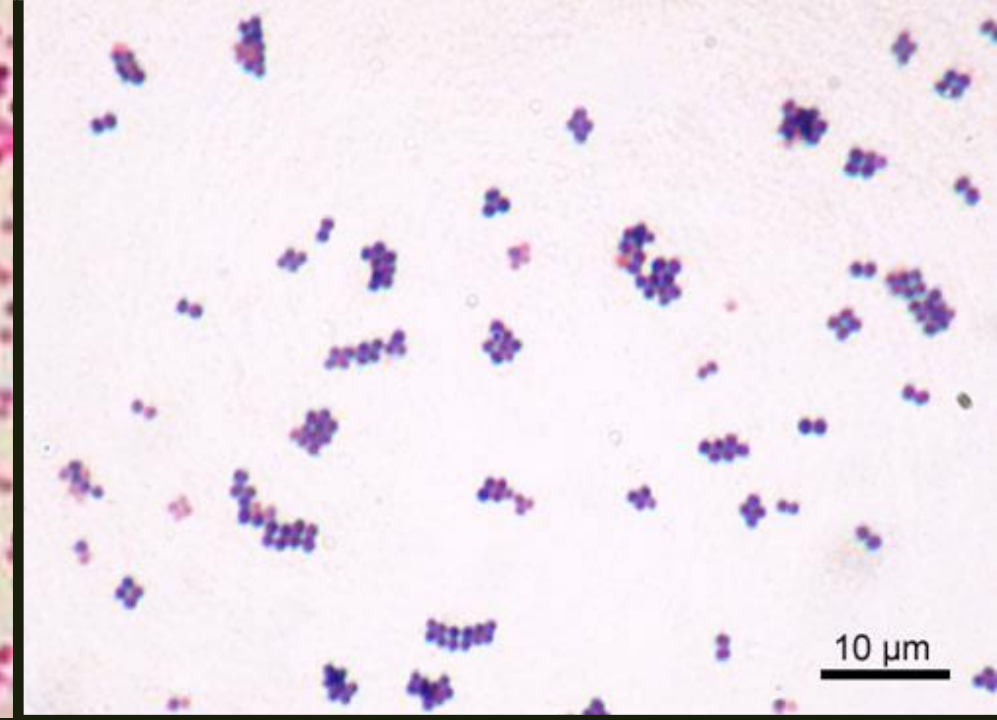
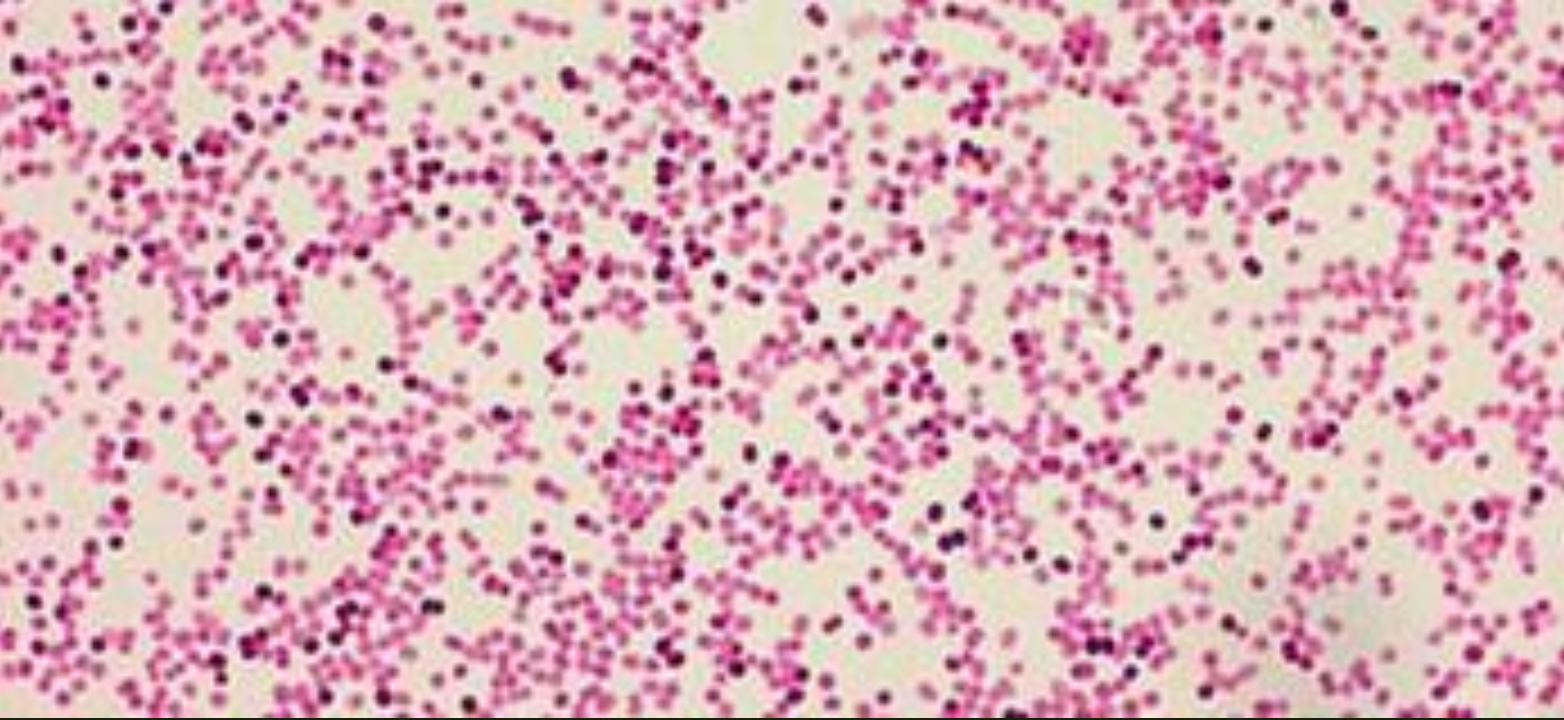
b) Auksanogram:



c) Zdolność do wytwarzania witamin: brak

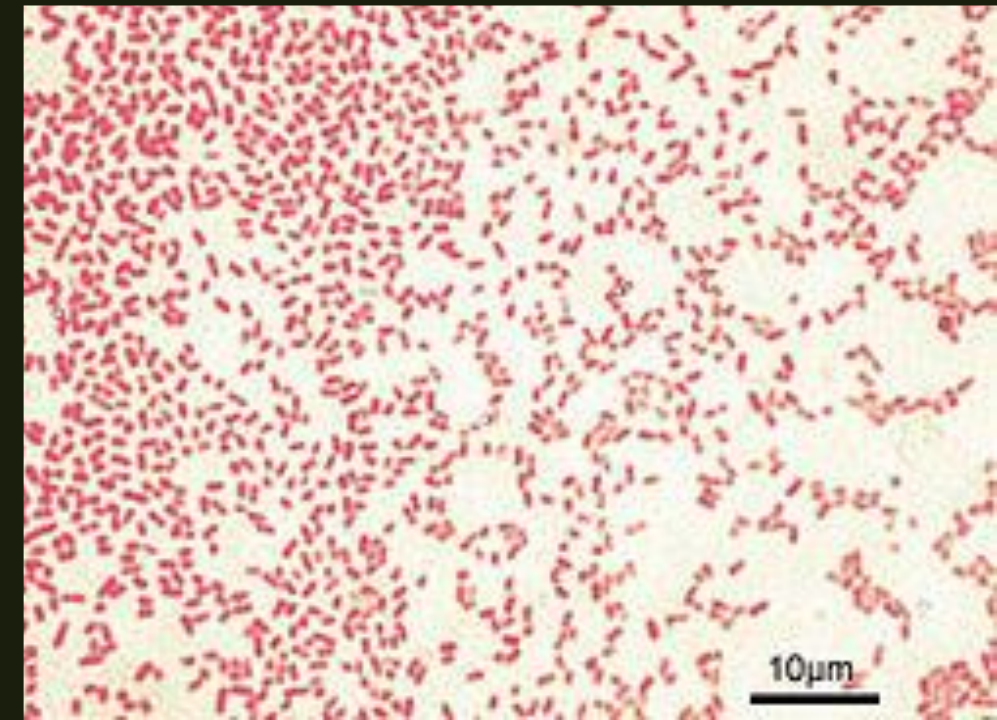
Cechy charakterystyczne dla gatunku:

- ❑ Stadium anamorficzne tego grzyba nie fermentuje cukrów w podstawowym zymogramie, a na zwykłych podłożach komórka wegetatywna nie tworzy pseudostrzępek.
- ❑ Maksymalna temperatura wzrostu – 31-35°C



Probant 2.

Obraz mikroskopowy wyhodowanych bakterii



Probant 3.



Ryc. 1. Hodowla na agarze z krwią



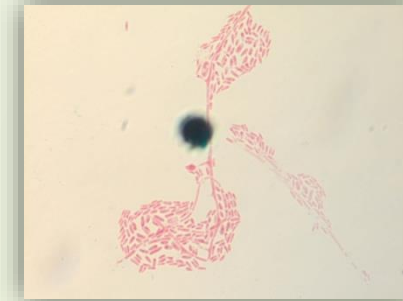
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

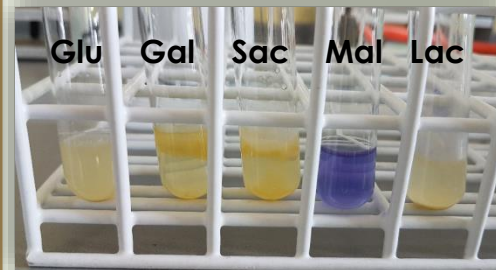


2. Mikromorfologia

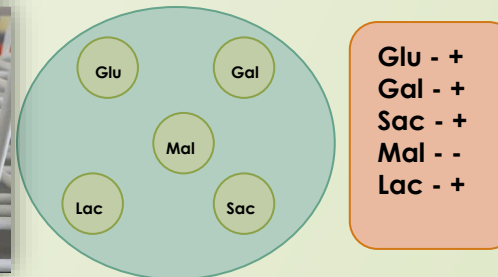


3. Cechy biochemiczne:

a) Zymogram:

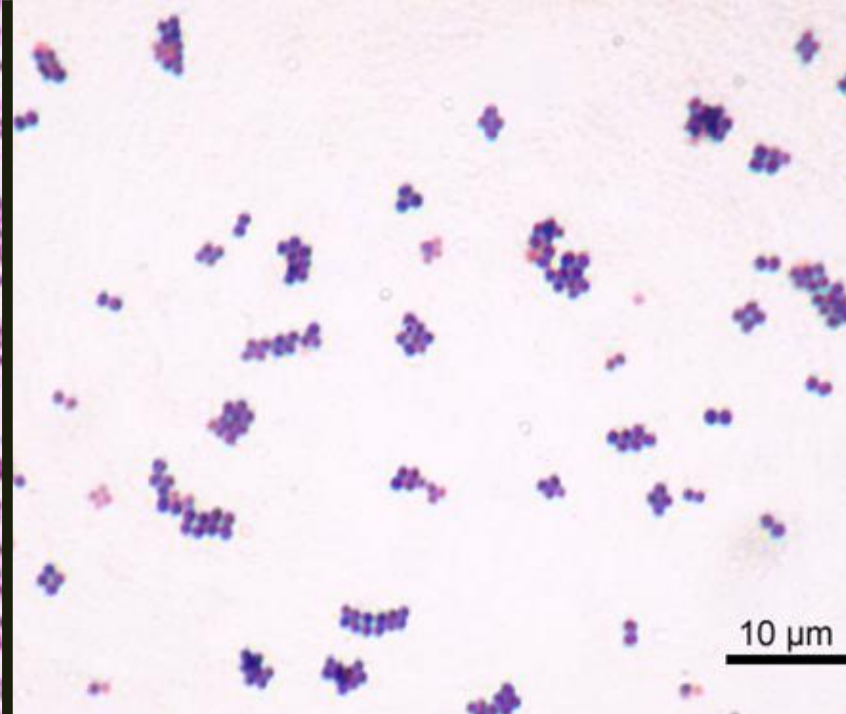
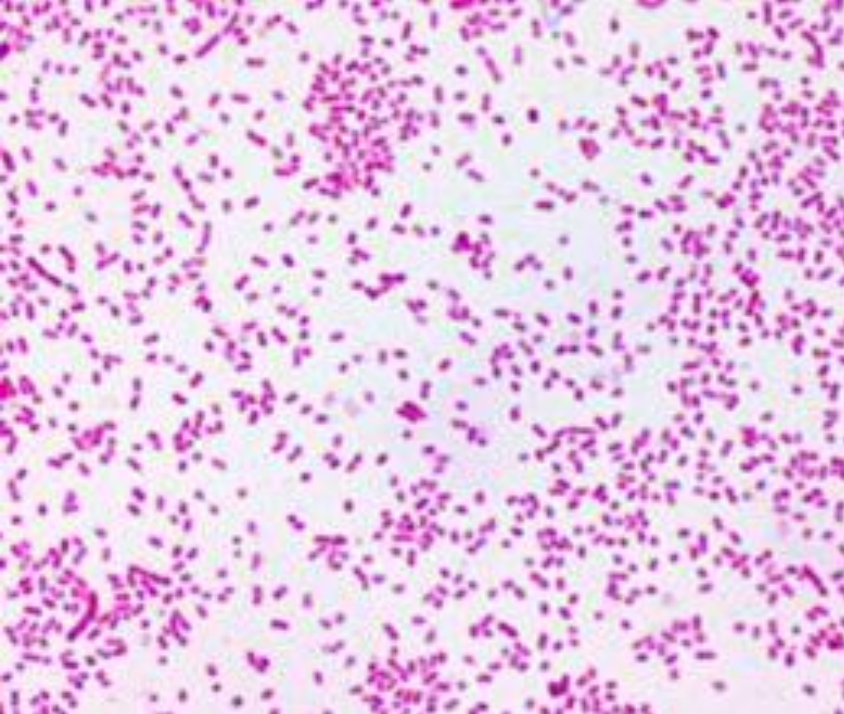


b) Auksanogram:



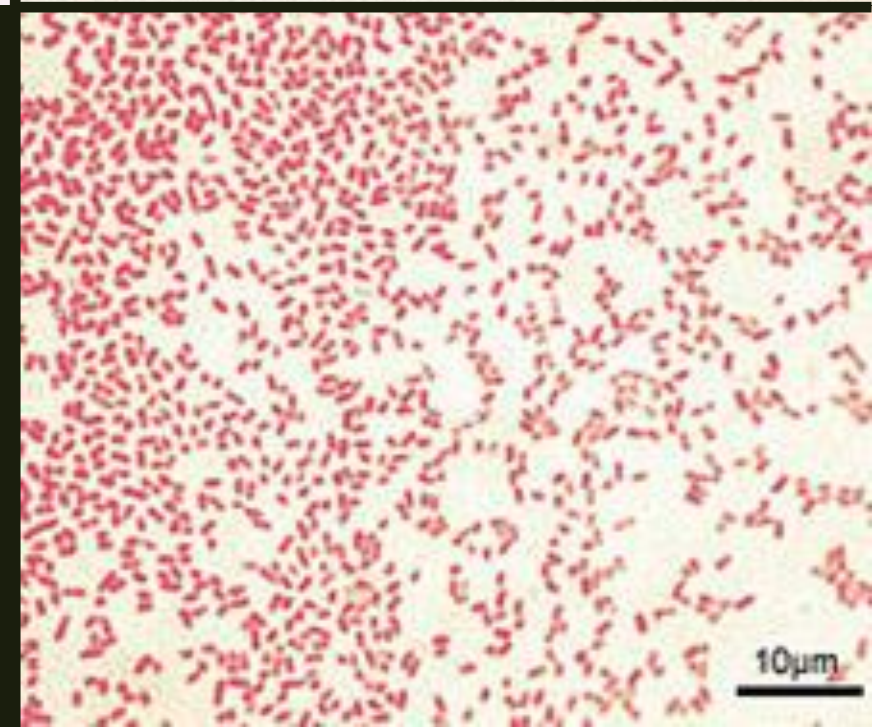
Glu - +
Gal - +
Sac - +
Mal - -
Lac - +

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

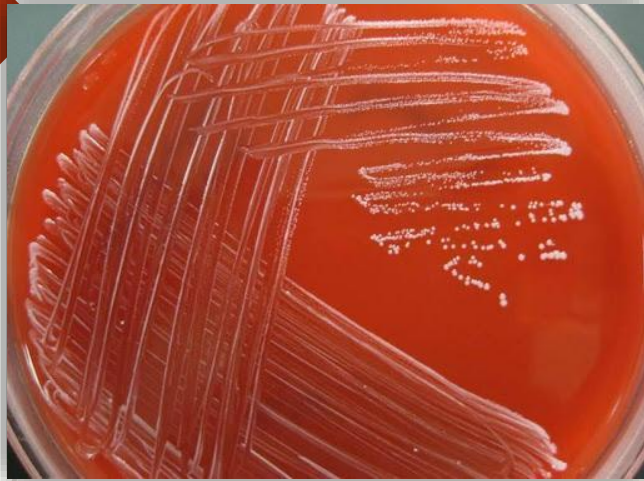


Probant 3.

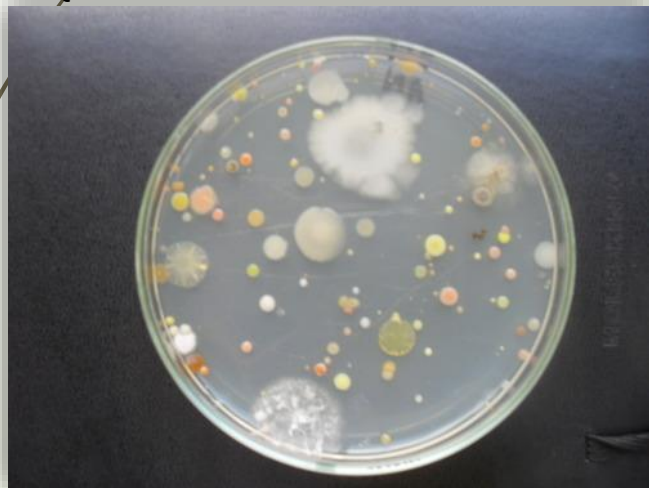
Obraz mikroskopowy wyhodowanych bakterii



Probant 4.



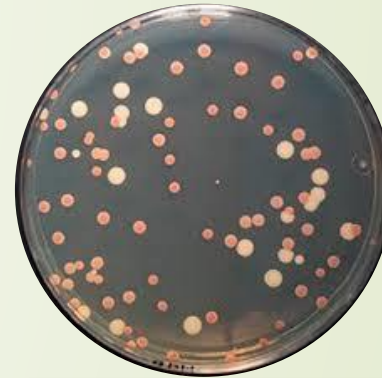
Ryc. 1. Hodowla na agarze z krwią



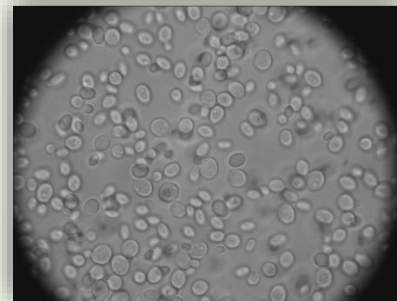
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia



2. Mikromorfologia

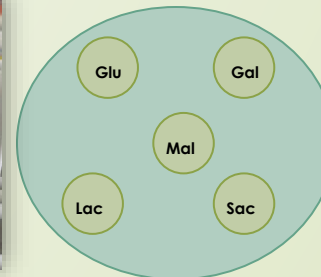


3. Cechy biochemiczne:

a) Zymogram:

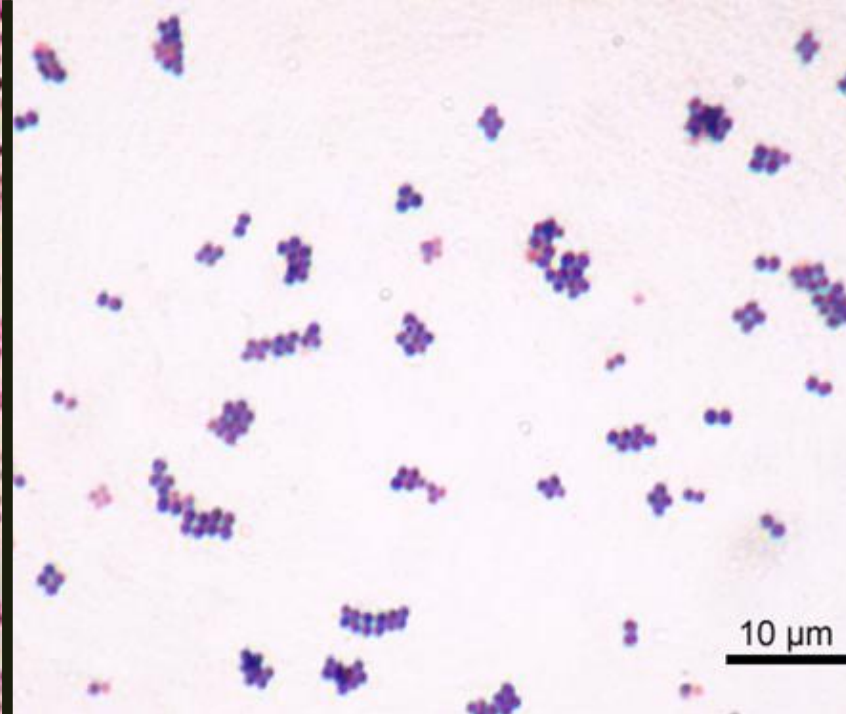
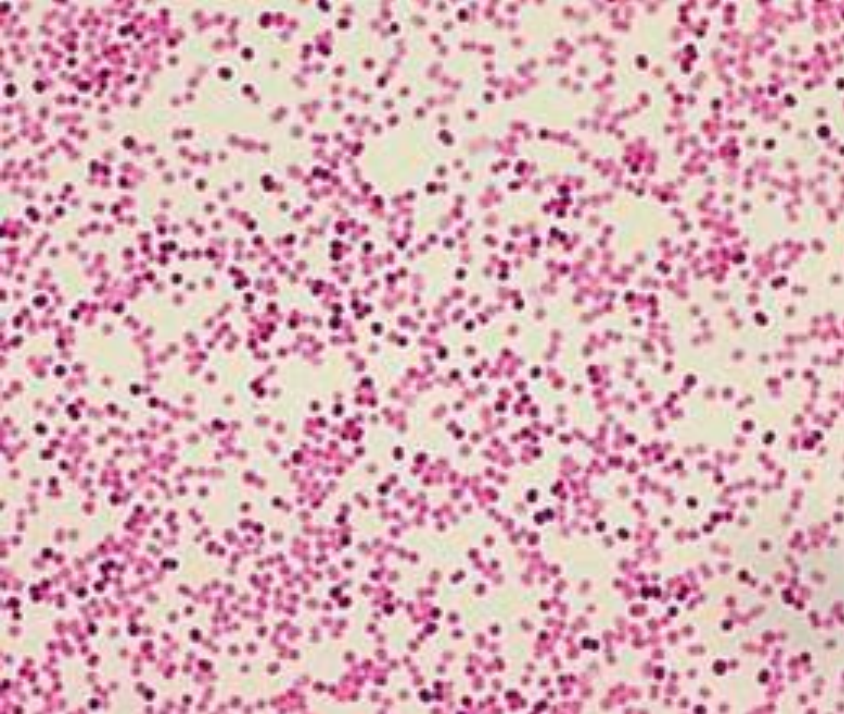


b) Auksanogram:



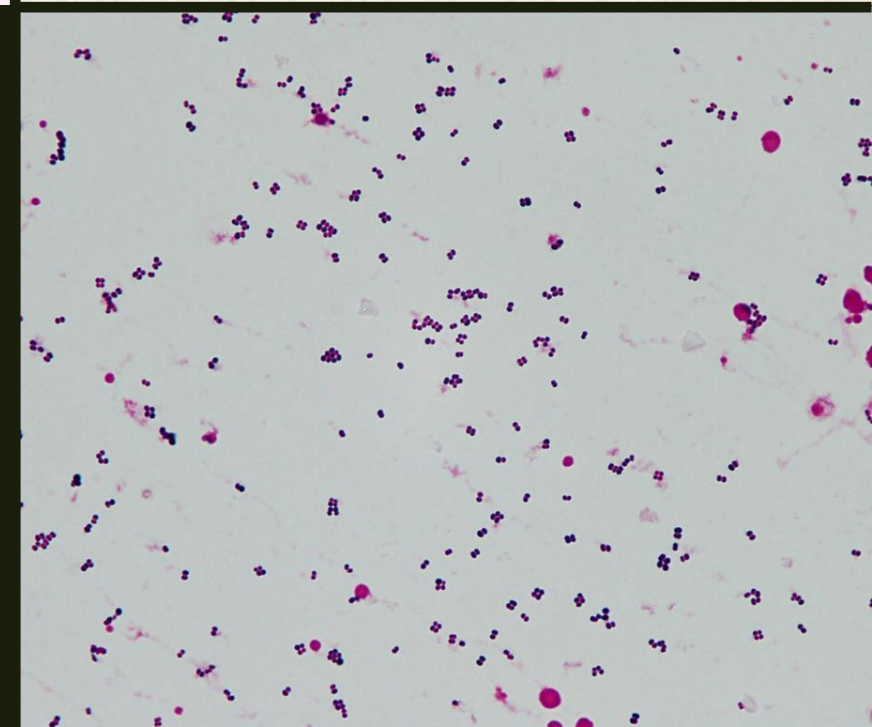
Glu - +
Gal - +
Sac - +
Mal - +
Lac - -

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



Probant 4.

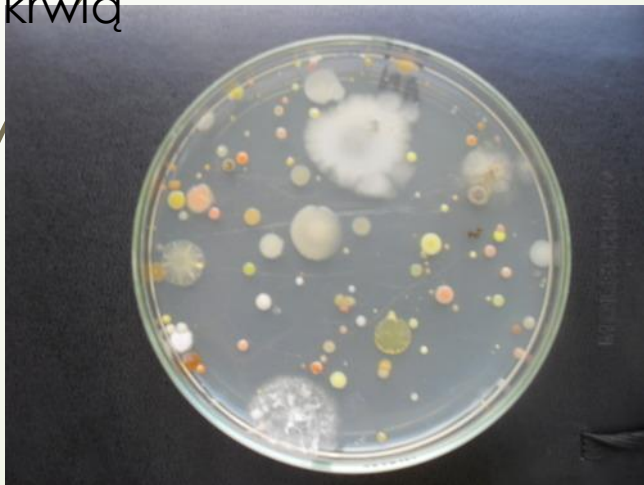
Obraz mikroskopowy wyhodowanych bakterii



Probant 5.



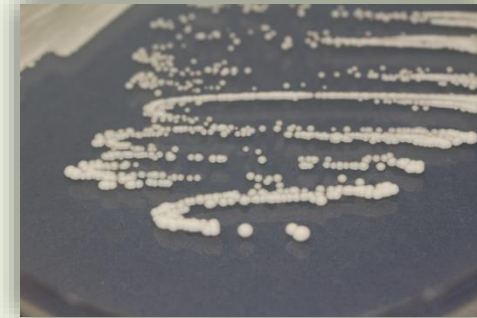
Ryc. 1. Hodowla na agarze z krwią



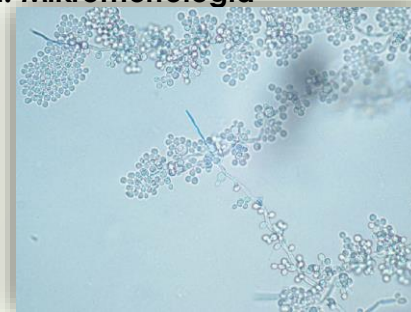
Ryc. 2. Hodowla na agarze odżywczym

Opis cech grzyba

1. Makromorfologia

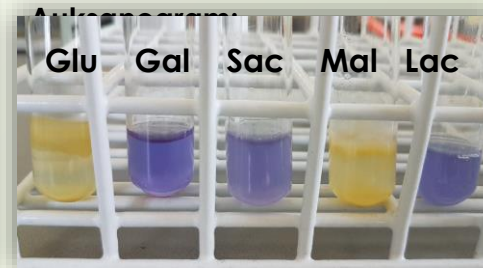


2. Mikromorfologia

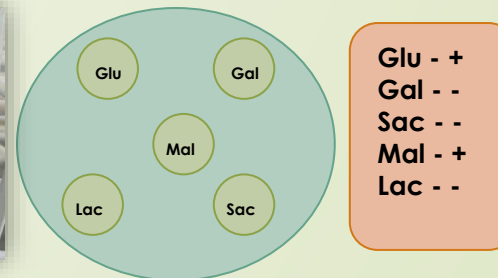


3. Cechy biochemiczne:

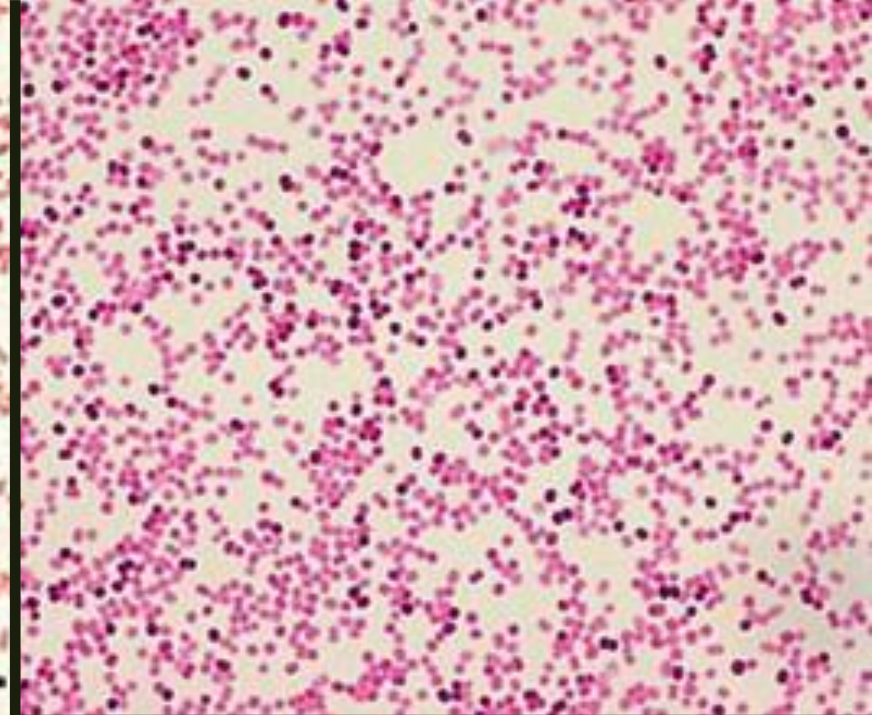
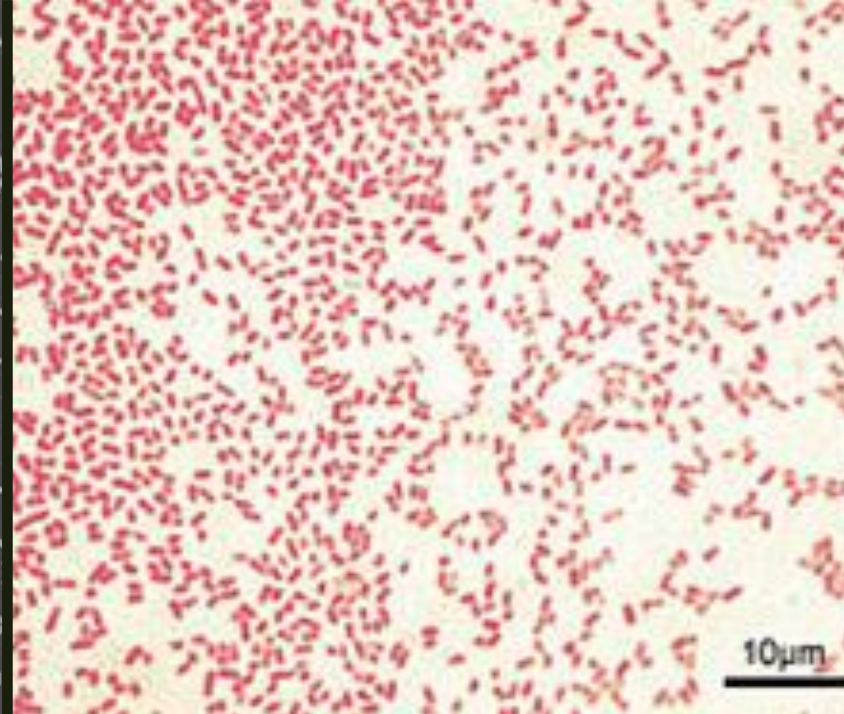
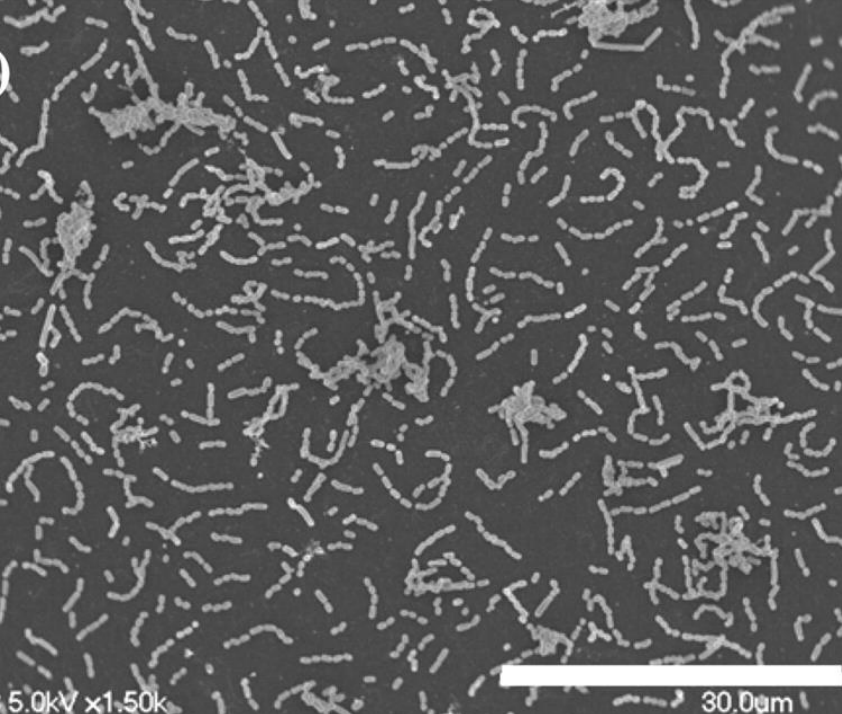
a) Zymogram:



b)

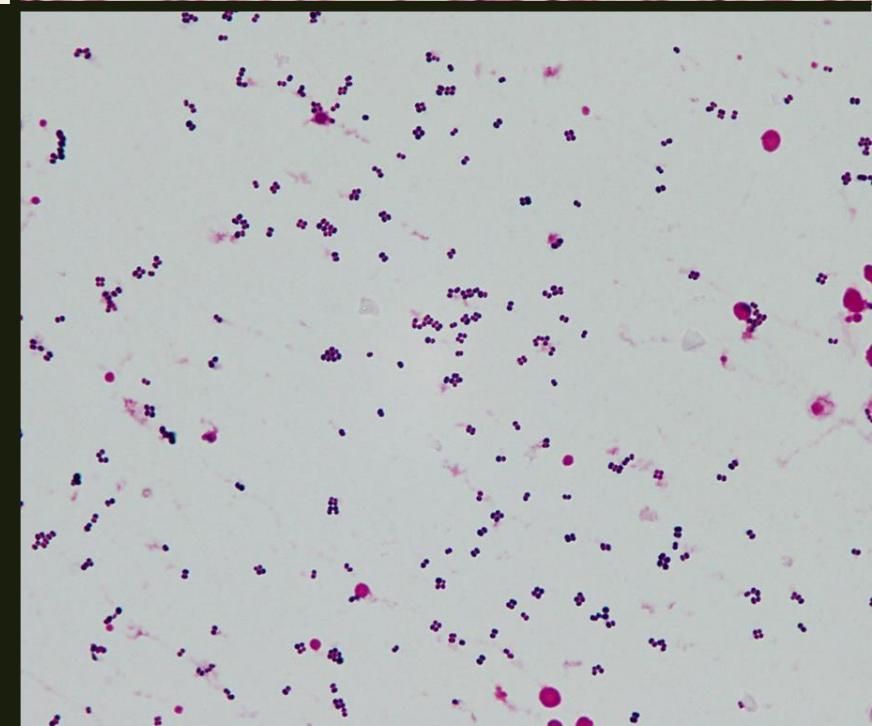


c) Zdolność do wytwarzania witamin: brak
Cechy charakterystyczne dla gatunku:



Probant 5.

Obraz mikroskopowy wyhodowanych bakterii



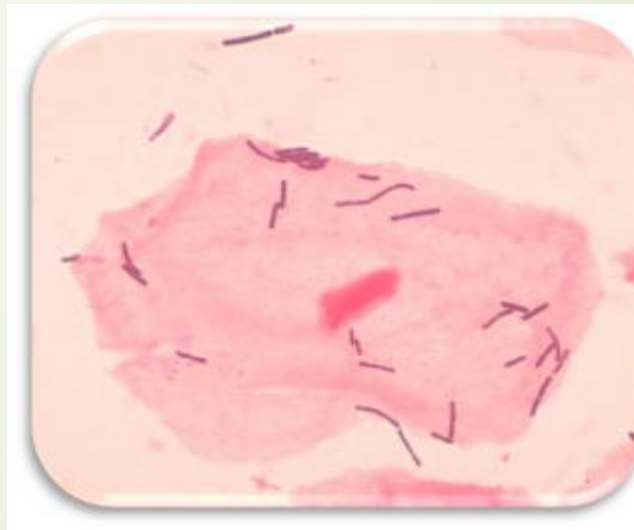
Probant 6.



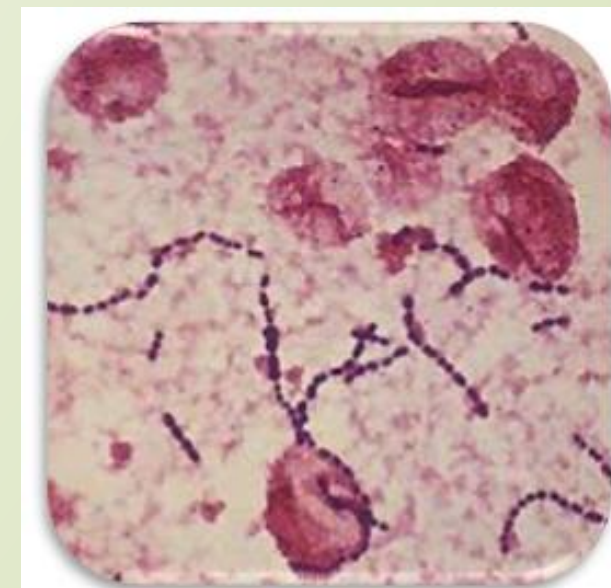
Ryc. 1. Hodowla na agarze z krwią



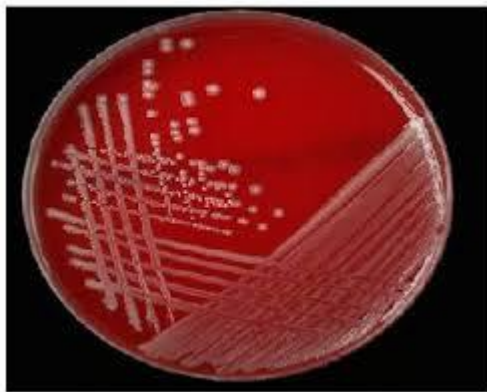
Ryc. 2. Hodowla na agarze odżywcym



Obraz mikroskopowy wyhodowanych bakterii



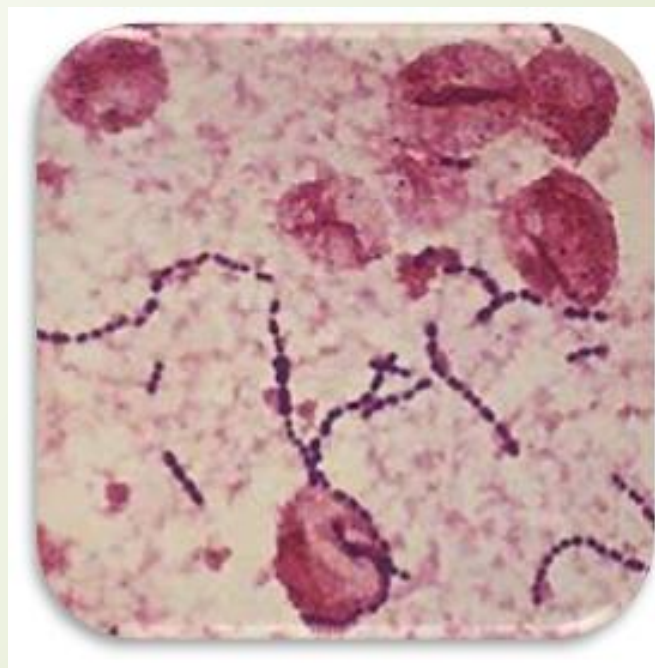
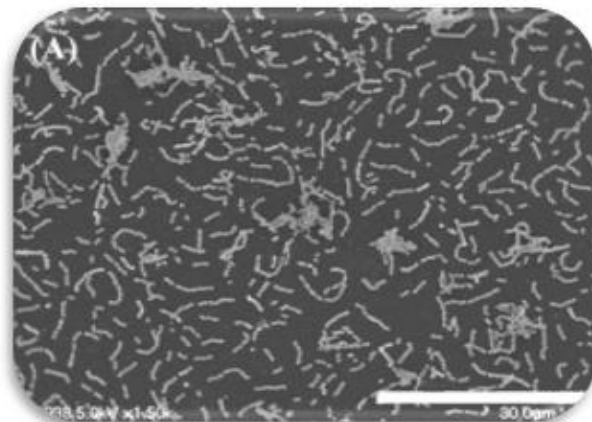
Probant 7.



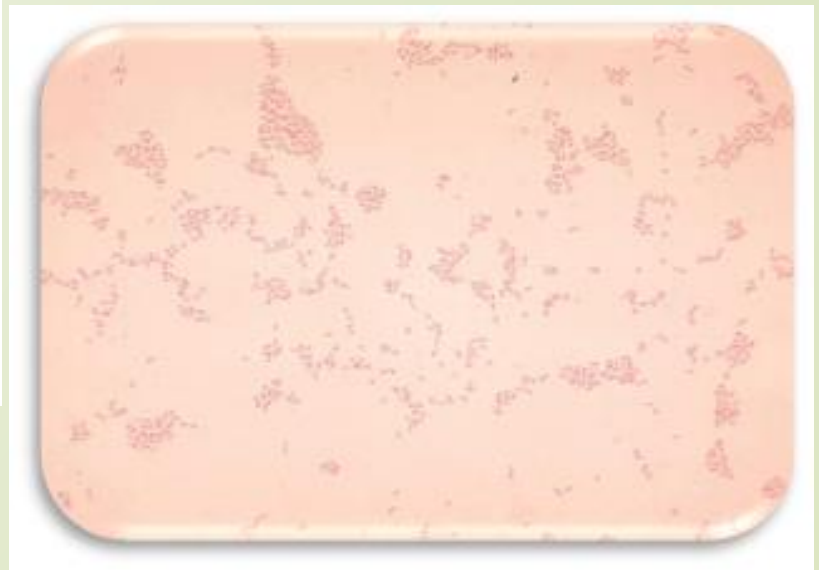
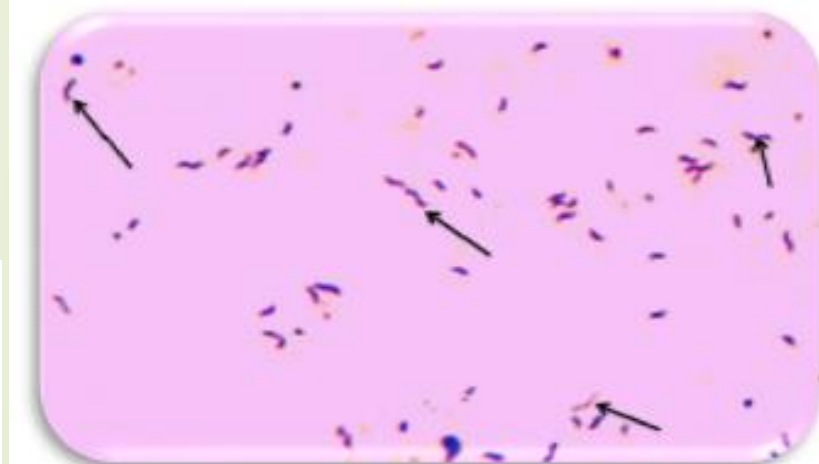
Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



**Obraz mikroskopowy
wyhodowanych
bakterii**



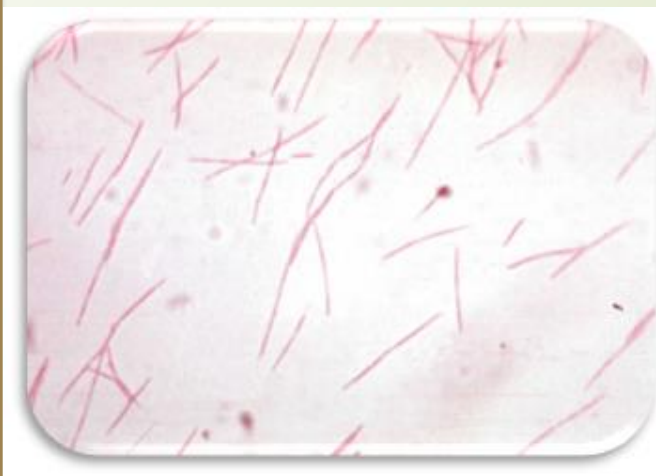
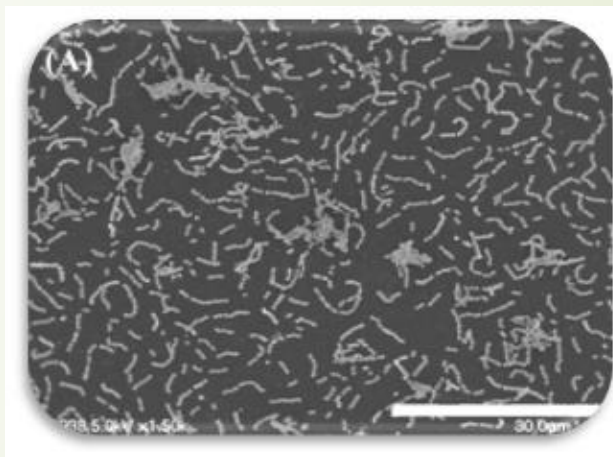
Probant 8.



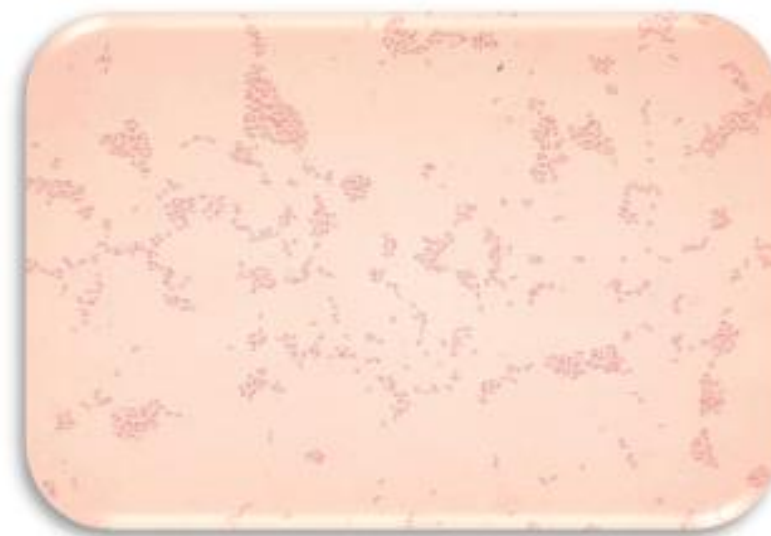
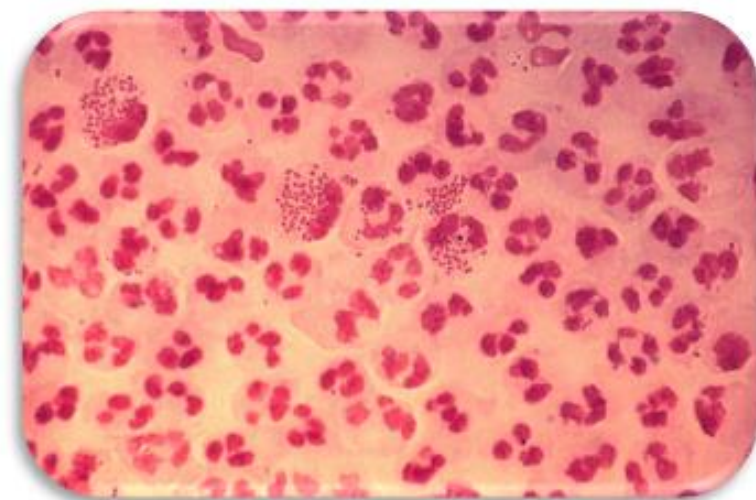
Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



Obraz mikroskopowy wyhodowanych bakterii



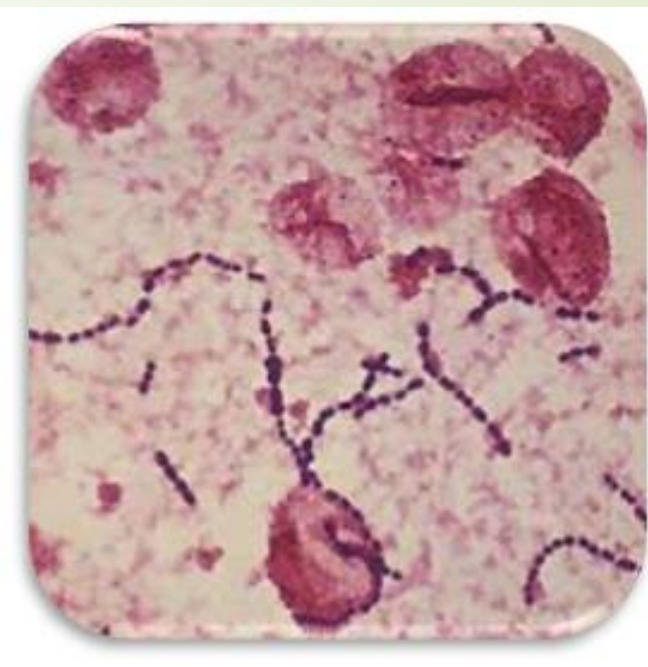
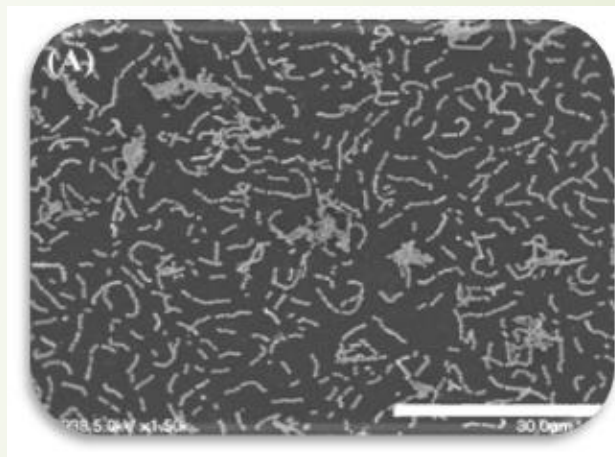
Probant 9.



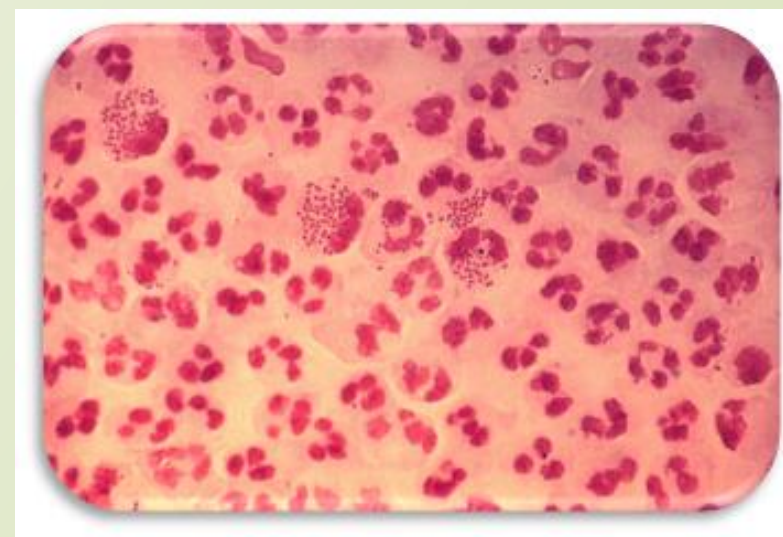
Ryc. 1. Hodowla na agarze z krwią



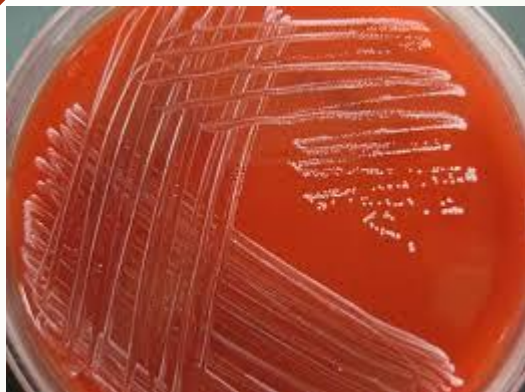
Ryc. 2. Hodowla na agarze odżywczym



Obraz mikroskopowy wyhodowanych bakterii



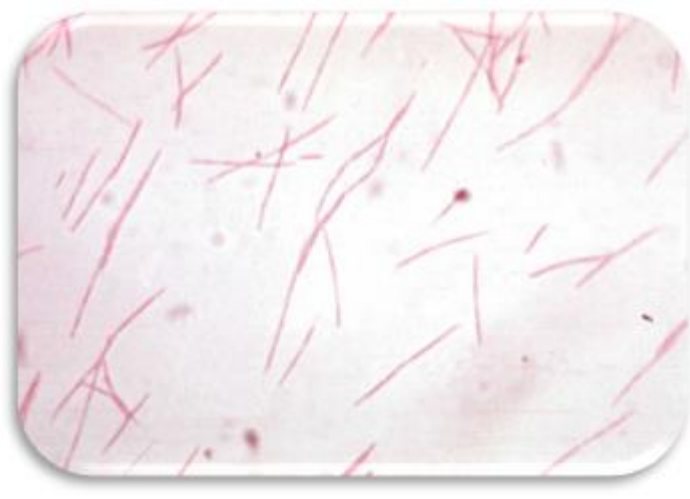
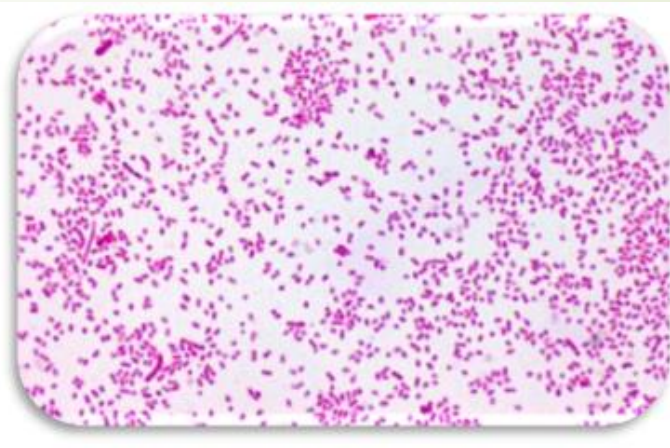
Probant 10.



Ryc. 1. Hodowla na agarze z krwią



Ryc. 2. Hodowla na agarze odżywczym



Obraz mikroskopowy wyhodowanych bakterii

