

Streptomyces sp. CCB-KSK136

Colony morphology

Brownish white aerial mycelium; circular; entire; umbonate; dry; opaque; non-pigmented; medium colony size opaque



Gram-stain

Positive, filamentous bacterium

Isolation medium

Starch Casein Agar (SCA) + 50% Artificial sea water (ASW)

Growth condition

Aerobic; pH7; 28±2°C; 7-14 days

Sampling date, location, source

12 May 2014; Kuala Sala, Kedah (100.3546°E, 5.9737°N); Sediment

Biochemistry/ Physiology

No

16s rRNA gene analysis(EzBioCloud/N CBI)

Top-hit taxon *Streptomyces xiamenensis*

Top-hit strain MCCC 1A01550(T)

Similarity (%) 99.85

Top-hit taxonomy Bacteria;Actinobacteria;Actinobacteria_c; Streptomycetales;Streptomycetaceae; Streptomyces

Publication

No

Application

No

Isolated by

Farizah Hanim bt Lat

Risk group

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Additional information