

Geobacillus stearothermophilus

STRAIN DESIGNATION

UCCCB Identifier

UCCCB 118

Availability

Restricted

Strain Number

DSM 22T

Other Collection Numbers

DSM 22; ATCC 12980; CCM 2062; CCUG 26241; IAM 11062; LMG 6939; NBRC 12550; NBRC 12550; NCIMB 8923; NCTC 10339; VKM B-2231

Type of Organism

Bacterium

Strain Status

Type

Preservation Procedures Used

Maintained at -80°C in Nutrient Broth containing 15% glycerol

Date of isolation

1990

GROWTH CONDITIONS

Medium

CASO Agar (Merck 105458)

pH

6.2 - 7.5

Optimal Temperature(s)

55 - 65°C

Maximum Temperature

37°C

Minimum Temperature

75°C

HISTORY OF DEPOSIT

Isolation source

Deteriorated canned food

Deposited By**GEOGRAPHIC ORIGIN**

SCIENTIFIC DETAILS

Kingdom

Bacteria

Phylum

Firmicutes

Class

Bacilli

Order

Caryophanales

Family

Geobacillus

Genus

Geobacillus

Specific Epithet

stearotherophilus

Full Scientific Name

Geobacillus stearotherophilus (Donk 1920) Nazina et al. 2001 emend. Coorevits et al. 2012

GENBANK ACCESSION NUMBERS

Genbank Accession Number (16S rRNA gene)

FN428694