

Leucobacter chromiireducens

STRAIN DESIGNATION

UCCCB Identifier

UCCCB 10

Availability

Commercial

Strain Number

L-1T

Other Collection Numbers

CIP 108389T; LMG 22506T; JCM 13322T

Type of Organism

Bacterium

Strain Status

Type

Preservation Procedures Used

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

Metal Resistance

Chromium

Date of isolation

1997

GROWTH CONDITIONS

Medium

PY-BHI Agar

pH

7.0

Optimal Temperature(s)

28°C

Maximum Temperature

20°C

Minimum Temperature

37°C

HISTORY OF DEPOSIT

Isolation source

Activated sludge of a treatment plant that receives wastewater from the tannery industry contaminated with chromium

Deposited By

Francisco, R. University of Coimbra

GEOGRAPHIC ORIGIN

City

Alcanena

State/Province

Ribatejo

County

Santarém

Country

Portugal

Latitude

39°28' N

Longitude

8° 40' O

Country Code

PT

SCIENTIFIC DETAILS

Kingdom

Bacteria

Phylum

Actinobacteria

Class

Actinobacteria

Order

Micrococcales

Family

Leucobacter

Genus

Leucobacter

Specific Epithet

chromiireducens

Full Scientific Name

Leucobacter chromiireducens Morais et al. 2005 emend. Muir and Tan 2007

GENBANK ACCESSION NUMBERS

Genbank Accession Number (16S rRNA gene)

AJ781046

Genbank Accession Numbers (Genome)

RPDI000000000