

Leucobacter aridicollis

STRAIN DESIGNATION

UCCCB Identifier

UCCCB 9

Availability

Commercial

Strain Number

L-9T

Other Collection Numbers

CIP 108388; DSM 17380; JCM 13321; L-9; LMG 22507

Type of Organism

Bacterium

Strain Status

Type

Preservation Procedures Used

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

Metal Resistance

Chromium

GROWTH CONDITIONS

Medium

PY-BHI Agar; Trypticase Soy Yeast Extract Agar (TSYEA)

pH

7.0 - 8.0

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

Longitude

8° 40

Country Code

PT

SCIENTIFIC DETAILS

Kingdom

Bacteria

Phylum

Actinobacteria

Class

Actinobacteria

Order

Actinomycetales

Family

Leucobacter

Genus

Leucobacter

Specific Epithet

aridicollis

Full Scientific Name

Leucobacter aridicollis Morais et al. 2005

GENBANK ACCESSION NUMBERS

Genbank Accession Number (16S rRNA gene)

AJ781047