

Microbial Type Culture Collection and Gene Bank Institute of Microbial Technology Sector
39-A, Chandigarh-160036

, email: sudhir.kumar@lexolutionit.com

Culture Identification / Characterization Report

Culture type

Actinomycetes: No Bacteria: Yes

Report Type

Molecular : Yes Biochemical: No Phenotypic : No

CUSTOMER INFORMATION

Name of the customer: Dr./ Mr. / Ms. Sudhir kumar
 Official Address Room no 1101, near Railway station Ambad
 Email Email: Sunnykumargpt@gmail.com
 Phone 87989789798
 Fax

Culture Details

No	Strain Designation	Identified as
Isolate		

IMPORTANT: Cultures will be destroyed after one month of sending the report
 Enclosed here is the characterization report

Molecular characterization

Sequence of 16S rRNA and/or ITS region or D1/D2 region of LSU

Phylogenetic tree

Morphological characterization report of filamentous Bacteria

Morphological tests:-	
Morphological tests	
Configuration:	Positive
Margin:	uk
Elevation:	uk
Surface:	Unkonwn
Pigment:	Negative
Opacity:	Unkonwn
Morphological tests:-	
Morphological tests	
Cell shape:	Unkonwn
Arrangement:	Positive
Physiological tests:-	
Physiological tests	
10°C:	Unkonwn
25° C:	Positive
30° C:	uk
37° C:	uk
42° C:	Positive
55° C:	uk
Physiological tests:-	
Physiological tests	
pH 5.0:	uki
pH 6.0:	uk
pH 7.0:	Positive
pH 8.0:	Unkonwn
pH 9.0:	uki
Physiological tests:-	
Physiological tests	
2.0:	Negative
4.0:	uki
6.0:	Negative
8.0:	Negative
10.0:	uk
12.0:	Unkonwn

Biochemical tests:-	
Biochemical tests	
Indole test:	Negative
Methyl red test:	Unkonwn
Voges Proskauer test:	Negative
Citrate utilization:	uk
H2S production:	uki
Gas production from glucose:	Negative
Casein hydrolysis:	uki
Gelatin hydrolysis:	Unkonwn
Starch hydrolysis:	uki
Nitrate reduction :	uki
Catalase test:	uk
Oxidase test:	Negative
Esculin hydrolysis:	uk
Arginine dihydrolase:	uki
Tween 20 hydrolysis:	uk
Tween 40 hydrolysis:	uk
Tween 60 hydrolysis:	Negative
Tween 80 hydrolysis:	Positive
Biochemical tests:-	
Biochemical tests	
Maltose:	Unkonwn
Glucose:	Negative
Mannose:	uki
Fructose:	Positive
Mannitol:	Negative
Sorbitol:	Negative

Any special characteristic(s):

Identified by:

Date:2015-01-21

Name:

Signature with stamp: