



Strain identifier

BacDive ID: 13148 **DOI:** 10.13145/bacdiv13148.20190402.4
Type strain: yes
Culture col. no.: DSM 21104, ATCC 4683, CCM 1982, CIP 103299, JCM 20238, NCTC 10697, NRRL B-14, CCUG 560, LMG 2336, ATCC 17466

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Name and taxonomic classification

Ref.: 15555	Domain	Bacteria
Ref.: 15555	Phylum	Proteobacteria
Ref.: 15555	Class	Gammaproteobacteria
Ref.: 15555	Order	Pseudomonadales
Ref.: 15555	Family	Pseudomonadaceae
Ref.: 15555	Genus	Pseudomonas
Ref.: 15555	Species	Pseudomonas taetrolens
Ref.: 15555	Full Scientific Name	Pseudomonas taetrolens Haynes 1957
Ref.: 15555	Designation:	None
Ref.: 15555	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Proteobacteria
Ref.: 20215	Class	Gammaproteobacteria
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 55:2236
Ref.: 20215	Family	Pseudomonadaceae
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:237
Ref.: 20215	Genus	Pseudomonas



Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Species	Pseudomonas taetrolens
Ref.: 20215	Taxonomical status	species (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Full Scientific Name	Pseudomonas taetrolens Haynes 1957

Morphology and physiology

Ref.: 15555

API 20NE

API ID	5353
NO3	-
TRP	-
GLU_Ferm	+
ADH (Arg)	+
URE	-
ESC	-
GEL	-
PNPG	-
GLU_Assim	+
ARA	+
MNE	+
MAN	+
NAG	-
MAL	-
GNT	+
CAP	+
ADI	-
MLT	+
CIT	+
PAC	-
OX	+

Ref.: 44234 **Oxygen tolerance** aerobe

Culture and growth conditions

Ref.: 15555 **Culture medium** TRYPTICASE SOY BROTH AGAR (DSMZ Medium 535), 28°C



Ref.: 15555	Culture medium growth	yes
Ref.: 15555	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium535.pdf
Ref.: 34242	Culture medium	MEDIUM 3 - Columbia agar
Ref.: 34242	Culture medium growth	yes
Ref.: 34242	Culture medium composition	Columbia agar (39.000 g);distilled water (1000.000 ml)
	Temperatures	
Ref.: 15555		
Ref.: 34242		
Ref.: 44234		
Ref.: 15555	Temperature range	mesophilic
Ref.: 34242	Temperature range	mesophilic
Ref.: 44234	Temperature range	mesophilic

Kind of temperature	Temperature
growth	28 °C
growth	25 °C
growth	28 °C

Isolation, sampling and environmental information

Ref.: 15555 **Sample type/isolated from** musty egg

Isolation sources categories

Cat1	Cat2	Cat3
#Environmental	#Microbial community	-
#Host Body Product	#Urogenital tract	#Egg

Application and interaction

Ref.: 15555 **Biosafety level** 1 Risk group (German classification)

Molecular biology

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 15555	DDBJ EMBL Direct submission	Pseudomonas taetrolens 16S rRNA gene, complete sequence	D84027	1527	47884

Strain availability



Ref.: 15555 **Culture collection no.** DSM 21104, ATCC 4683, CCM 1982, CIP 103299, JCM 20238, NCTC 10697, NRRL B-14, CCUG 560, LMG 2336, ATCC 17466

Ref.: 15555 **Strain history** <- NRRL <- L. B. Lockwood, NRRL <- W. E. Burns <- M. Levine

Associated Passport(s) in StrainInfo

Ref.: 20218 880828 - <http://www.straininfo.net/strains/880828>

Ref.: 20218 20116 - <http://www.straininfo.net/strains/20116>

Ref.: 20218 20121 - <http://www.straininfo.net/strains/20121>

Ref.: 20218 154392 - <http://www.straininfo.net/strains/154392>

Ref.: 20218 745856 - <http://www.straininfo.net/strains/745856>

Ref.: 20218 20128 - <http://www.straininfo.net/strains/20128>

Ref.: 20218 20129 - <http://www.straininfo.net/strains/20129>

References

Ref.: 15555 Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 21104

Ref.: 20215 D.Gleim, M.Kracht, N.Weiss et. al.: Prokaryotic Nomenclature Up-to-date - compilation of all names of Bacteria and Archaea, validly published according to the Bacteriological Code since 1. Jan. 1980, and validly published nomenclatural changes since.

Ref.: 20218 Verslyppe, B., De Smet, W., De Baets, B., De Vos, P., Dawyndt P. StrainInfo introduces electronic passports for microorganisms.. Syst Appl Microbiol. 37: 42-50 2014 (10.1016/j.syapm.2013.11.002, 24321274)

Ref.: 34242 None; Curators of the CIP; None

Ref.: 44234 Culture Collection University of Gothenburg (CCUG); Curators of the CCUG; CCUG 560

*** These References are textmined**

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