

Strain identifier

BacDive ID: 535 **DOI:** 10.13145/bacdive535.20191129.4.1
Type strain: yes **Designation:** WN 13
Culture col. no.: DSM 5271, ATCC 700606

Sections

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Name and taxonomic classification

Ref.: 1977	Domain	Bacteria
Ref.: 1977	Phylum	Firmicutes
Ref.: 1977	Class	Bacilli
Ref.: 1977	Order	Bacillales
Ref.: 1977	Family	Bacillaceae
Ref.: 1977	Genus	Alkalibacillus
Ref.: 1977	Species	Alkalibacillus haloalkaliphilus
Ref.: 1977	Full Scientific Name	Alkalibacillus haloalkaliphilus (Fritze 1996) Jeon et al. 2005
Ref.: 1977	Designation:	WN 13
Ref.: 1977	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Firmicutes
Ref.: 20215	Class	Bacilli
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 38:220
Ref.: 20215	Family	Bacillaceae
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	Genus	Alkalibacillus
Ref.: 20215	Taxonomical status	gen. nov. (VP)

Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 55:1891*
Ref.: 20215	Species	Alkalibacillus haloalkaliphilus
Ref.: 20215	Taxonomical status	comb. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 55:1891*
Ref.: 20215	Full Scientific Name	Alkalibacillus haloalkaliphilus (Fritze 1996) Jeon et al. 2005
Ref.: 20215	Synonym	Bacillus haloalkaliphilus

Culture and growth conditions

Ref.: 1977	Culture medium	ALKALINE NUTRIENT AGAR (DSMZ Medium 31), 30°C, with 5% NaCl						
Ref.: 1977	Culture medium growth	yes						
Ref.: 1977	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium31.pdf						
Ref.: 40522	Culture medium	MEDIUM 228 - for Bacillus haloalkaliphilus						
Ref.: 40522	Culture medium growth	yes						
Ref.: 40522	Culture medium composition	Distilled water make up to (900.000 ml);Agar (15.000 g);Peptone (5.000 g);Solution 1 - M00343 (100.000 ml)						
	Temperatures	<table border="1"> <thead> <tr> <th>Kind of temperature</th> <th>Temperature</th> </tr> </thead> <tbody> <tr> <td>growth</td> <td>30 °C</td> </tr> <tr> <td>growth</td> <td>30 °C</td> </tr> </tbody> </table>	Kind of temperature	Temperature	growth	30 °C	growth	30 °C
Kind of temperature	Temperature							
growth	30 °C							
growth	30 °C							
Ref.: 1977								
Ref.: 40522								
Ref.: 1977	Temperature range	mesophilic						
Ref.: 40522	Temperature range	mesophilic						

Isolation, sampling and environmental information

Ref.: 1977	Geographic location (country and/or sea, region)	Wadi Natrun
Ref.: 1977	Country	Egypt
Ref.: 1977	Continent	Africa

Application and interaction

Ref.: 1977	Biosafety level	1 Risk group (German classification)
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Molecular biology

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID	
Ref.: 20218	Marker Gene (EMBL Direct submission)	Bacillus haloalkaliphilus partial 16S rRNA gene	AJ238041	1412	94136	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Bacillus sp. gene for 16S rRNA, partial	X72876	1493	1409	*
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Alkalibacillus haloalkaliphilus gene for 16S rRNA, partial sequence, strain: NBRC 103110	AB681948	1488	94136	*

Strain availability

[Ref.: 1977](#) **Culture collection no.** DSM 5271, ATCC 700606

[Ref.: 1977](#) **Strain history** <- H. G. Trüper, WN 13

Associated Passport(s) in StrainInfo

[Ref.: 20218](#) 41254 - <http://www.straininfo.net/strains/41254>

[Ref.: 20218](#) 118206 - <http://www.straininfo.net/strains/118206>

References

[Ref.: 1977](#) Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 5271

[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.: 40522](#) None; Curators of the CIP; None

*** These References are textmined**

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