

Genus	Species		Na+ opt. (M)	Na+ range (M)	pH opt.	pH range	Temp. opt.	Temp. range
Aerobic								
<i>Actinopolyspora</i>	<i>halophila</i>	[33]	3.42	1.71-5.13			37	10-43
<i>Alkalibacillus</i>	<i>halophilus</i>	[34]	2.55	0.85-5.10	7.5	6.0-9.0	37	25-45
<i>Arhodomonas</i>	<i>aquaeolei</i>	[15]	2.57	1.03-3.42	7.0	6.0-8.0	37	20-45
<i>Bacillus</i>	<i>persepolensis</i>	[35]	1.71	0.85-3.42	8.3	7.0-10.0	40	25-45
<i>Dichotomicrobium</i>	<i>thermohalophilum</i>	[26]	2.43	1.37-3.80	8.5	5.8-9.5	50	20-65
<i>Filobacillus</i>	<i>milosensis</i>	[36]	2.39	0.34-3.94	7.8	6.5-8.9	38	-42
<i>Gracilibacillus</i>	<i>saliphilus</i>	[37]	2.13	0.17-3.74	7.0	6.0-8.0	33	4-45
<i>Haloglycomyces</i>	<i>albus</i>	[38]	1.71	0.51-3.06	7.25	5.0-9.0	37	15-40
<i>Halomonas</i>	<i>aquamarina</i>	[39]	1.71	0-3.42	9.0	7.5-10	37	5-50
<i>Halomonas</i>	<i>campaniensis</i>	[40]	1.71	0-2.7	9.0	7-10	37	10-43
<i>Halomonas</i>	<i>campisalis</i>	[41]	1.5	0.2-4.5	9.5	6.0-11.0	30	4-50
<i>Halomonas</i>	<i>cupida</i>	[42]	1.5	0.2-4.5	9.5	6.0-12.0	30	4-50
<i>Halomonas</i>	<i>denitrificans</i>	[6]	1.71	0.34-3.42	8.0	5.0-10.0	35	5-50
<i>Halomonas</i>	<i>gomseomensis</i>	[6]	2.05	0.17-3.42	8.0	6.0-10.0	30	5-45
<i>Halomonas</i>	<i>gudaonensis</i>	[43]	2.57	0.17-3.42	8.0	8.0-9.0	30	10-42
<i>Halomonas</i>	<i>ilicicola</i>	[44]	1.71	0.34-2.98	6.5	6.0-9.0	37	25-42
<i>Halomonas</i>	<i>janggokensis</i>	[6]	2.57	0.17-3.42	8.0	6.0-10.0	30	5-45
<i>Halomonas</i>	<i>maura</i>	[45]	2.57	0.17-3.42	7.5	6.0-10.0	30	5-45
<i>Halomonas</i>	<i>salaria</i>	[6]	3.42	0-4.28	8.0	5.0-10.0	30	10-45
<i>Halomonas</i>	<i>shengliensis</i>	[46]	3.42	0-4.28	7.5	5.0-10.0	30	10-45
<i>Halomonas</i>	<i>taeanensis</i>	[12]	2.57	0-4.28	8.0	7.0-10.0	35	10-45
<i>Halomonas</i>	<i>variabilis</i>	[5,47]	1.6	1.2-4.9	7.5	6.5-8.4	33	15-37
<i>Kushneria</i>	<i>indalinina</i>	[48]	1.71	0.51-4.28	7.2	5.0-9.0	35	10-42
<i>Nocardiopsis</i>	<i>kunsanensis</i>	[49]	1.71	0.51-3.42	9.0		37	
<i>Nocardiopsis</i>	<i>lucentensis</i>	[50]	1.71	0.51-4.28	9.0	5.0-	37	
<i>Oceanobacillus</i>	<i>kapialis</i>	[51]	1.71	0.09-4.08	8.0	6.0-9.0	37	8-43
<i>Rhodospirillum</i>	<i>sodomense</i>	[52]	2.05	1.03-3.42	7.0		40	25-47
<i>Saccharopolyspora</i>	<i>halophila</i>	[53]	2.13	0.51-3.42	7.5	6.0-8.5	33	10-45
<i>Saccharopolyspora</i>	<i>qijiaoqingensis</i>	[54]	2.13	1.02-3.74	7.0	5.0-8.0	28	20-40
<i>Salinibacter</i>	<i>ruber</i>	[24]	4.00	2.57-	8.0	6.0-8.5	47	-52
<i>Salinicoccus</i>	<i>albus</i>	[55]	1.71	0.17-5.10	8.5	6.0-10.0	25	5-40
<i>Salinicoccus</i>	<i>alkaliphilus</i>	[56]	1.71	0-4.28	9.0	6.5-11.5	32	10-46
<i>Salinicoccus</i>	<i>iranensis</i>	[57]	1.71	0.17-4.28	7.5	6.5-10	35	5-45
<i>Salinicoccus</i>	<i>luteus</i>	[58]	1.71	0.17-4.28	9.0	7.0-11.0	30	4-45
<i>Salinicoccus</i>	<i>roseus</i>	[59]	1.71	0.15-4.28	8.0	6.0-9.0		
<i>Salinicoccus</i>	<i>siamensis</i>	[7]	1.71	0.26-4.28	8.5	6.0-9.0	37	15-45

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Anaerobic								
<i>Actinopolyspora</i>	<i>iraqiensis</i>	[60]	2.56	0.86-4.27	7.5		35	16-40
<i>Halanaerobacter</i>	<i>chitinivorans</i>	[16]	3.0	0.5-5.0	7.0		45	23-50
<i>Halanaerobacter</i>	<i>salinarius</i>	[4]	2.57	0.86-5.13	7.8	5.5-8.5	45	10-50
<i>Halanaerobaculum</i>	<i>tuisiense</i>	[61]	3.57	2.38-5.10	7.3	5.9-8.4	42	30-50
<i>Halanaerobium</i>	<i>kushneri</i>	[62]	2.05	1.54-3.08	7.5	6.0-8.0	40	20-45
<i>Halanaerobium</i>	<i>lacusrosei</i>	[63]	3.42	1.03-5.82	7.0		40	20-50
<i>Halanaerobium</i>	<i>praevalens</i>	[64]	2.14	0.34-5.13	7.2	6.0-9.0	37	5-50
<i>Halanaerobium</i>	<i>saccharolyticum</i>	[65,66]	2.14	0.51-5.13	7.5	6.0-8.5	40	15-47
<i>Halanaerobium</i>	<i>saccharolyticum</i>	[65,66]	1.71	0.51-5.13	7.5	6.0-8.0	40	15-47
<i>Halanaerobium</i>	<i>subsp. saccharolytica</i>							
<i>Halanaerobium</i>	<i>saccharolyticum</i>	[65,66]	2.14	0.86-4.28	7.0	6.3-8.7	40	20-47
<i>Halanaerobium</i>	<i>subsp. senegalense</i>							
<i>Halocella</i>	<i>cellulosilytica</i>	[67]	2.57	.86-3.42	7.0	5.5-8.5	39	20-50
<i>Halonatronum</i>	<i>saccharophilum</i>	[68]	2.05	0.51-2.91	8.5	7.7-10.3	55	18-60
<i>Halorhodospira</i>	<i>abdelmalekii</i>	[69,10]	3.08	0.86-5.13	9.2		44	
<i>Halorhodospira</i>	<i>halochloris</i>	[11,10]	4.62	1.71-5.81	8.5	8.1-9.1	48	33-50
<i>Halorhodospira</i>	<i>halophila</i>	[70,10]	3.76	1.54-5.14	7.8		50	
<i>Halotheomothrix</i>	<i>orenii</i>	[71]	1.71	0.68-3.42	7.0	5.5-8.2	60	45-68
<i>Natranaerobius</i>	<i>grantii</i>	[13]	4.3	2.9-sat.	9.5	7.5-10	46	31-52
<i>Natranaerobius</i>	<i>jonesii</i>	[14]	3.9	3.1-5.0	10.5	8.5-11.5	66	47-71
<i>Natranaerobius</i>	<i>thermophilus</i>	[3]	3.9	3.1-4.9	9.5	8.3-10.6	53	35-56
<i>Natranaerobius</i>	<i>trueperi</i>	[23]	3.7	3.1-5.4	9.5	7.8-11.0	52	26-55
<i>Natroniella</i>	<i>acetigena</i>	[72]	2.57	1.71-3.42	9.7	8.1-10.7	37	-42
<i>Natronovirga</i>	<i>wadinatrunensis</i>	[23]	3.9	3.1-5.3	9.9	8.5-11.5	51	24-58
Facultatively anaerobic								
<i>Halomonas</i>	<i>sinaiensis</i>	[8]	2.57	0.86-5.13	7.0	6.0-9.0	35	25-50
<i>Halospina</i>	<i>denitrificans</i>	[27]	3.0	2.0-5.0		6.7-8.5		
<i>Salinivibrio</i>	<i>siamensis</i>	[73]	1.71	0.17-3.74	8.0	5.0-9.0	37	10-47
<i>Thiohalorhabdus</i>	<i>denitrificans</i>	[9]	3.0	2.0-5.0	7.8	6.5-7.2	35	