



CERTIFIED STRAINS

BACTERIA

The following list presents the offered by NBIMCC certified strains with application for quality control, research and teaching purposes, as type strains, etc.

No	Species name (synonym)	NBIMCC Number	WDCM Number	Type strain	Teaching strain
1.	<i>Acetobacter aceti</i>	8850		✓	✓
2.	<i>Acinetobacter baumannii</i>	554			
3.	<i>Acinetobacter junii</i>	146		✓	
4.	<i>Actinobacillus equuli</i> subsp. <i>equuli</i>	555		✓	
5.	<i>Aerococcus viridans</i>	8874	00061	✓	
6.	<i>Aeromonas allosaccharophila</i>	8963	00064		
7.	<i>Aeromonas hydrophila</i> subsp. <i>hydrophila</i>	8962	00063	✓	
8.	<i>Aeromonas sobria</i>	9018		✓	
9.	<i>Agrobacterium radiobacter</i>	3310			
10.	<i>Alcaligenes faecalis</i> subsp. <i>faecalis</i>	153		✓	
11.	<i>Anoxybacillus rupiensis</i>	8387		✓	
12.	<i>Arthrobacter globiformis</i>	2369		✓	
13.	<i>Bacillus atrophaeus</i>	1208			
14.	<i>Bacillus badius</i>	2210		✓	
15.	<i>Bacillus cereus</i>	1085	00001		
16.	<i>Bacillus cereus</i>	8935	00001		
17.	<i>Bacillus circulans</i> (current name <i>Niallia circulans</i>)	1042		✓	
18.	<i>Bacillus coagulans</i> (current name <i>Weizmannia coagulans</i>)	8941	00002	✓	
19.	<i>Bacillus licheniformis</i>	3346	00068	✓	

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20.	<i>Bacillus megaterium</i> (current name <i>Priestia megaterium</i>)	8947		✓	✓
21.	<i>Bacillus mycoides</i>	3484		✓	
22.	<i>Bacillus pumilus</i>	560			
23.	<i>Bacillus spizizenii</i>	1709	00003		✓
24.	<i>Bacillus subtilis</i>	1050			
25.	<i>Bacillus subtilis</i>	2353		✓	✓
26.	<i>Bacillus subtilis</i>	3562			
27.	<i>Bacteroides fragilis</i>	8847		✓	
28.	<i>Bifidobacterium animalis</i> subsp. <i>animalis</i>	8820		✓	
29.	<i>Bifidobacterium bifidum</i>	8744		✓	
30.	<i>Bifidobacterium breve</i>	9012	00224	✓	
31.	<i>Bifidobacterium longum</i> subsp. <i>infantis</i>	8822		✓	
32.	<i>Bifidobacterium longum</i> subsp. <i>longum</i>	8821	00225	✓	✓
33.	<i>Bordetella bronchiseptica</i>	1051			
34.	<i>Brevibacillus brevis</i>	2211		✓	
35.	<i>Brevibacillus laterosporus</i>	8942		✓	
36.	<i>Brevundimonas diminuta</i>	1418			
37.	<i>Brochothrix thermosphacta</i>	8039	00071	✓	
38.	<i>Burkholderia cepacia</i>	8566		✓	
39.	<i>Burkholderia gladioli</i> pv. <i>alliicola</i>	8616			
40.	<i>Burkholderia gladioli</i> pv. <i>gladioli</i>	8569		✓	
41.	<i>Campylobacter coli</i>	8750	00004		
42.	<i>Campylobacter jejuni</i> subsp. <i>jejuni</i>	8652		✓	
43.	<i>Campylobacter jejuni</i> subsp. <i>jejuni</i>	8936		✓	
44.	<i>Campylobacter jejuni</i> subsp. <i>jejuni</i>	8753	00005		
45.	<i>Campylobacter jejuni</i> subsp. <i>jejuni</i>	8886	00156		

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46.	<i>Campylobacter upsaliensis</i>	8885	00074		
47.	<i>Cellulomonas fimi</i>	2205		✓	
48.	<i>Citrobacter freundii</i>	3731		✓	
49.	<i>Citrobacter freundii</i>	8748	00006		
50.	<i>Clostridium perfringens</i>	8615	00007	✓	
51.	<i>Clostridium perfringens</i>	8883	00174		
52.	<i>Clostridium perfringens</i>	8945	00080		
53.	<i>Clostridium sporogenes</i>	8783	00008		
54.	<i>Clostridium sporogenes</i>	8784			
55.	<i>Clostridium thermosaccharolyticum</i>	8957	00135	✓	
56.	<i>Comamonas terrigena</i>	1797		✓	
57.	<i>Cronobacter sakazakii</i>	8667	00214	✓	
58.	<i>Curtobacterium albidum</i>	8955		✓	
59.	<i>Curtobacterium luteum</i>	1434		✓	
60.	<i>Enterobacter cloacae</i>	8570	00083	✓	
61.	<i>Enterobacter hormaechei</i>	8894		✓	
62.	<i>Enterococcus avium</i>	983		✓	
63.	<i>Enterococcus faecalis</i>	733			
64.	<i>Enterococcus faecalis</i>	3360	00009	✓	
65.	<i>Enterococcus faecalis</i>	3668			
66.	<i>Enterococcus faecalis</i>	3915	00087		
67.	<i>Enterococcus faecalis</i>	8342	00085		
68.	<i>Enterococcus faecalis</i>	8875	00176		
69.	<i>Enterococcus faecalis</i>	8876	00210		
70.	<i>Enterococcus faecium</i>	3587	00088		
71.	<i>Enterococcus faecium</i>	8754	00010	✓	

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72.	<i>Enterococcus faecium</i>	8873	00177		
73.	<i>Enterococcus hirae</i>	8326	00011		
74.	<i>Enterococcus hirae</i>	8851	00089	✓	
75.	<i>Escherichia coli</i>	1611			✓
76.	<i>Escherichia coli</i>	3397	00012		
77.	<i>Escherichia coli</i>	3398	00090	✓	
78.	<i>Escherichia coli</i>	3548			
79.	<i>Escherichia coli</i>	3588			
80.	<i>Escherichia coli</i>	3702	00013		
81.	<i>Escherichia coli</i>	8341			
82.	<i>Escherichia coli</i>	8432			✓
83.	<i>Escherichia coli</i>	8785	00014		
84.	<i>Escherichia coli</i>	8877	00202		
85.	<i>Escherichia coli</i>	8946	00179		
86.	<i>Escherichia coli</i>	8905			
87.	<i>Geobacillus stearothermophilus</i>	2282		✓	✓
88.	<i>Geobacillus stearothermophilus</i>	2311			
89.	<i>Geobacillus stearothermophilus</i> var. <i>calidolactis</i>	2330	00069		
90.	<i>Geobacillus stearothermophilus</i> var. <i>calidolactis</i>	8972	00069		
91.	<i>Gluconobacter oxydans</i>	1043			
92.	<i>Haemophilus influenzae</i> biotype II	8801		✓	
93.	<i>Haemophilus influenzae</i> biotype IV	8802			
94.	<i>Haemophilus influenzae</i> biotype II	8906			
95.	<i>Hafnia alvei</i>	1229	00095	✓	
96.	<i>Klebsiella aerogenes</i>	3699	00175	✓	
97.	<i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i>	1058			

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98.	<i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i>	3670	00097	✓	
99.	<i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i>	8343			
100.	<i>Kocuria rhizophila</i>	159			✓
101.	<i>Kocuria varians</i>	8958		✓	
102.	<i>Lactobacillus acidophilus</i>	1379			
103.	<i>Lactobacillus acidophilus</i>	8896	00098	✓	
104.	<i>Lactobacillus alimentarius</i> (current name <i>Companilactobacillus alimentarius</i>)	3315		✓	
105.	<i>Lactobacillus animalis</i> (current name <i>Ligilactobacillus animalis</i>)	1588		✓	
106.	<i>Lactobacillus brevis</i> (current name <i>Levilactobacillus brevis</i>)	3448	00099	✓	✓
107.	<i>Lactobacillus casei</i> (current name <i>Lacticaseibacillus casei</i>)	3485	00100	✓	
108.	<i>Lactobacillus crispatus</i>	9017		✓	
109.	<i>Lactobacillus curvatus</i> (current name <i>Latilactobacillus curvatus</i>)	3452		✓	
110.	<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i>	1132	00102	✓	✓
111.	<i>Lactobacillus delbrueckii</i> subsp. <i>delbrueckii</i>	2449		✓	
112.	<i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i>	1012		✓	
113.	<i>Lactobacillus fermentum</i> (current name <i>Limosilactobacillus fermentum</i>)	505			
114.	<i>Lactobacillus gasseri</i>	2450	00103		
115.	<i>Lactobacillus helveticus</i>	1011		✓	
116.	<i>Lactobacillus hilgardii</i> (current name <i>Lentilactobacillus hilgardii</i>)	3445		✓	
117.	<i>Lactobacillus murinus</i> (current name <i>Ligilactobacillus murinus</i>)	9068		✓	
118.	<i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> (current name <i>Lacticaseibacillus paracasei</i> subsp. <i>paracasei</i>)	8458		✓	
119.	<i>Lactobacillus plantarum</i> (current name <i>Lactiplantibacillus plantarum</i>)	3447	00104	✓	✓
120.	<i>Lactobacillus reuteri</i> (current name <i>Limosilactobacillus reuteri</i>)	9069		✓	
121.	<i>Lactobacillus rhamnosus</i> (current name <i>Lacticaseibacillus rhamnosus</i>)	1010	00101	✓	
122.	<i>Lactobacillus rhamnosus</i> (current name <i>Lacticaseibacillus rhamnosus</i>)	1013			
123.	<i>Lactobacillus sakei</i> subsp. <i>sakei</i> (current name <i>Latilactobacillus sakei</i> ssp. <i>sakei</i>)	3453	00015	✓	

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124.	<i>Lactobacillus salivarius</i> (current name <i>Ligilactobacillus salivarius</i>)	1589		✓	
125.	<i>Lactococcus cremoris</i>	8919		✓	
126.	<i>Lactococcus lactis</i> subsp. <i>lactis</i>	4000	00016	✓	✓
127.	<i>Legionella anisa</i>	8852	00106	✓	
128.	<i>Legionella pneumophila</i> subsp. <i>frazieri</i> ser. 4	8887	00180	✓	
129.	<i>Legionella pneumophila</i> subsp. <i>pneumophila</i> ser. 1	8848	00107	✓	
130.	<i>Leuconostoc mesenteroides</i> subsp. <i>dextranicum</i>	1397		✓	
131.	<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i>	3455		✓	✓
132.	<i>Leuconostoc suionicum</i>	8971	00108	✓	
133.	<i>Listeria innocua</i>	8755	00017	✓	
134.	<i>Listeria ivanovii</i> subsp. <i>ivanovii</i> ser. 5	8756	00018	✓	
135.	<i>Listeria monocytogenes</i> ser. 4b	8632	00019		
136.	<i>Listeria monocytogenes</i> ser. 1/2a	8669		✓	
137.	<i>Listeria monocytogenes</i> ser. 4b	8745	00019		
138.	<i>Listeria monocytogenes</i> ser. 1	8749	00020		
139.	<i>Listeria monocytogenes</i> ser. 4b	8787	00021		
140.	<i>Listeria monocytogenes</i> ser. 1/2a	8849	00109		
141.	<i>Mannheimia haemolytica</i>	8367		✓	
142.	<i>Microbacterium flavescens</i>	2370		✓	
143.	<i>Micrococcus luteus</i>	1439	00111	✓	
144.	<i>Micrococcus luteus</i>	8934	00111	✓	✓
145.	<i>Morganella morganii</i> subsp. <i>morganii</i>	1392	00112	✓	
146.	<i>Paenibacillus larvae</i> subsp. <i>larvae</i>	8478		✓	
147.	<i>Paenibacillus macerans</i>	2214		✓	
148.	<i>Paenibacillus polymyxa</i>	3664		✓	
149.	<i>Paraclostridium bifermentans</i>	8943	00079		

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150.	<i>Pediococcus acidilactici</i>	8788			
151.	<i>Pediococcus damnosus</i>	8757	00022	✓	
152.	<i>Pediococcus pentosaceus</i>	8870	00158	✓	
153.	<i>Proteus hauseri</i>	1393			
154.	<i>Proteus mirabilis</i>	8747	00023	✓	
155.	<i>Pseudomonas aeruginosa</i>	1390	00026		
156.	<i>Pseudomonas aeruginosa</i>	3590			
157.	<i>Pseudomonas aeruginosa</i>	3700	00025		
158.	<i>Pseudomonas aeruginosa</i>	3732	00024	✓	
159.	<i>Pseudomonas aeruginosa</i>	8746	00027		
160.	<i>Pseudomonas aeruginosa</i>	8988	00207		
161.	<i>Pseudomonas alcaligenes</i>	2453		✓	
162.	<i>Pseudomonas fluorescens</i>	8758	00115	✓	✓
163.	<i>Pseudomonas fragi</i>	8869	00116	✓	
164.	<i>Pseudomonas putida</i>	1090	00117	✓	
165.	<i>Pseudomonas viridiflava</i>	8725			
166.	<i>Rhodococcus hoagii</i>	1230	00028	✓	
167.	<i>Salmonella enterica</i> subsp. <i>enterica</i> ser. Abony	2333	00029		
168.	<i>Salmonella enterica</i> subsp. <i>enterica</i> ser. Dublin	3554		✓	
169.	<i>Salmonella enterica</i> subsp. <i>enterica</i> ser. Typhimurium	3669	00031		
170.	<i>Salmonella enterica</i> subsp. <i>enterica</i> ser. Agona	4798			
171.	<i>Salmonella enterica</i> subsp. <i>enterica</i> ser. Enteritidis	8691	00030	✓	
172.	<i>Serratia marcescens</i>	1417			
173.	<i>Shigella sonnei</i>	8646			
174.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	509	00033		
175.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	746		✓	

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176.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	3081	00035		
177.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	3359	00032		
178.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	3671			
179.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	3703	00034		
180.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	3999	00131		
181.	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>	8327	00211		
182.	<i>Staphylococcus auricularis</i>	8964		✓	
183.	<i>Staphylococcus delphini</i>	8960		✓	
184.	<i>Staphylococcus epidermidis</i>	1093	00132	✓	
185.	<i>Staphylococcus epidermidis</i>	3486	00036		
186.	<i>Staphylococcus epidermidis</i>	8937	00036		
187.	<i>Staphylococcus hyicus</i>	1094		✓	
188.	<i>Staphylococcus intermedius</i>	8959		✓	
189.	<i>Staphylococcus pseudintermedius</i>	8961		✓	
190.	<i>Staphylococcus saprophyticus</i> subsp. <i>saprophyticus</i>	3348	00159	✓	
191.	<i>Stenotrophomonas maltophilia</i>	8895		✓	
192.	<i>Streptococcus agalactiae</i>	1395			
193.	<i>Streptococcus dysgalactiae</i> subsp. <i>dysgalactiae</i>	1396			
194.	<i>Streptococcus mutans</i>	1786		✓	
195.	<i>Streptococcus pneumoniae</i>	8789		✓	
196.	<i>Streptococcus pyogenes</i>	941		✓	
197.	<i>Streptococcus salivarius</i> subsp. <i>thermophilus</i>	3916	00134	✓	✓
198.	<i>Vibrio parahaemolyticus</i>	8743	00037	✓	
199.	<i>Vibrio vulnificus</i>	8965	00139	✓	
200.	<i>Weissella viridescens</i>	8897	00105	✓	
201.	<i>Yersinia enterocolitica</i> subsp. <i>enterocolitica</i> ser. O:8	8739	00038	✓	

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202.	<i>Yersinia enterocolitica</i> subsp. <i>palaearctica</i> ser. O:3	8791	00039		
203.	<i>Yersinia enterocolitica</i> subsp. <i>palaearctica</i> ser. O:3	8872	00039		
204.	<i>Yersinia enterocolitica</i> subsp. <i>palaearctica</i> ser. O:3	9008	00216	✓	