



# BIOBALL® FOOD LIST 2022 (available strains - from Issue 85)

\*BIOBALL® LUMINATE 2.0 is a range of Genetically Modified Micro-Organisms (GMMs) and may need to comply with special regulatory requirements for a laboratory contained use in your country (e.g., European directive 2009/41/EC completed by national regulation). In this case, please, refer to your local competent authority to declare or obtain an agreement before use.

Strains	BIOBALL					WDCM	ISO 11133 /	Other collections corresponding strains
	LUMINATE 2.0*	singleshot 30	550	10E8	10k		ISO specific standards	(BIOBALL strain in bold)
	100cfu/10 vials	20 vials	20 vials/10 vials	10 vials	20 vials/10 vials			
Blank BIOBALL (no microorganism)		56068						
<i>Aspergillus brasiliensis</i>		56022	56011/56001	410106	56049/413776	00053	√	<b>NCPF 2275</b> , ATCC™ 16404, CIP1431.83, IMI149007, NBRC9455
<i>Bacillus cereus</i>		56023						<b>NCTC 7464</b> , ATCC1™ 0876, NCIMB8579, NRRL569
<i>Bacillus subtilis subsp. spizizenii</i>		56024	56012/56002		56143/413777	00003	√	<b>NCTC 10400</b> , ATCC6633, CIP52.62, NCIMB8054, NBRC3134
<i>Bacillus subtilis</i>				423596				<b>NBRC 13722</b> , ATCC19659
<i>Candida albicans</i>		56026	56013/56003	56145	56050/413778	00054	√	<b>NCPF 3179</b> , ATCC™ 10231, CIP48.72, NBRC1594,
<i>Citrobacter freundii</i>		56027						<b>NCTC 9750</b> , ATCC™ 8090, DSM30039, NBRC12681, CIP57.32
<i>Clostridium perfringens</i>		56028			56051/413779			<b>NCTC 8798</b>
<i>Clostridium sporogenes</i>		56029	56014/56004					<b>NCTC 12935</b> , ATCC™ 11437, NBRC14293, NCIMB12343, CIP100651, DSM 1446
<i>Cronobacter sakazakii</i>	423940*					00214	√	ATCC™ 29544, CECT 858, CIP 103183, DSM 4485, <b>NCTC 11467</b>
<i>Klebsiella aerogenes</i> (Previously <i>Enterobacter aerogenes</i> )		56030			56052/56158	00175	√	<b>NCTC 10006</b> , ATCC™ 13048, DSM 30053, CDC819-56
<i>Enterococcus faecalis</i>		56031	56015/56005			00087	√	ATCC™ 29212, BCRC 10789, CCM 4224, CECT 795, CIP 103214, DSM 2570, JCM 2875, LMG 8222, NBIMCC 3915, NCIMB(QC) 50112, <b>NCTC 12697</b>
<i>Enterococcus faecalis</i>		56032				00009	√	ATCC™ 19433, BCRC 10066, CCM 7000, CCUG 19916, CECT 481, CIP 103015, DSM 20478, FIRD1 66, LMG 7937, NBIMCC 3360, NCFB 581, NCIMB 775, <b>NCTC 775</b> , RIMD 3116001
<i>Escherichia coli</i>		56035	56016/56006	56146		00012	√	ATCC™ 8739, BCRC 11634, CCM 4517, CECT 516, CIP 53.126, DSM 1576, IFO 3972, IMET 11121, LMG 8063, NBIMCC 3397, NCDO 904, NCIMB 8545, <b>NCTC 12923</b>

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<i>Escherichia coli</i>		56034				00013	√	ATCC™ 25922, BCRC 11509, CCM 3954, CECT 434, CGMCC 1.2385, CICC 10305, CIP 76.24, DSM 1103, LMG 8223, NBIMCC 3702, NCIMB 12210, <b>NCTC 12241</b>
<i>Escherichia coli</i>		56033			56053/56160	00090	√	<b>NCTC 9001</b> , ATCC™ 11775, DSM30083, CIP54.8
<i>Escherichia coli</i> O157:H7 (non-toxigenic, stx-)	423939*					00014	√	ATCC™ 700728, BDMS T4169, CCM 4787, CECT 4972, CICC 10907, CIP 110281, LMG 21756, NCIMB (QC) 50139, <b>NCTC 12900</b>
<i>Lactobacillus fermentum</i>					56054/			<b>NCIMB 6991</b> , ATCC™ 9338
<i>Listeria innocua</i>	423942*	56038				00017	√	ATCC™ 33090, BCRC 14843, CCM 4030, CECT 910, CGMCC 1.7730, CICC 10297, CIP 80.11, CLIP 12511, DSM 20649, LMG 11387, <b>NCTC 11288</b> , SLCC 3379
<i>Listeria monocytogenes</i>		56039				00019		<b>NCTC 11994</b> , DSM 15675
<i>Listeria monocytogenes</i>	423941*					00021	√	<b>NCTC 10527</b> , DSM 27575, ATCC™ 13932
<i>Pseudomonas aeruginosa</i>		56040	56017/56007	56147	56144/413831	00026	√	<b>NCTC 12924</b> , ATCC™ 9027, NCIMB8626, CIP82.118, NBRC13275
<i>Salmonella</i> Abaetetuba		56041						<b>NCTC 8244</b> , CDC4905-51
<i>Salmonella</i> Abony		423616	423617/423619			00029		ACM 5080, <b>NCTC6017</b> , NBRC100797, CIP80.39, DSM 4224
<i>Salmonella</i> Salford		56043						<b>IMVS 1710</b>
<i>Salmonella</i> Typhimurium	423938*	56044				00031	√	ATCC™ 14028, BCRC 10747, CCM 7205, CCRC 10747, CDC 6516-60, CECT 4594, CGMCC 1.1859, CIP 104115, DSM 19587, LMG 14933, NBIMCC 3669, NCIMB 13284, <b>NCTC 12023</b>
<i>Staphylococcus aureus</i>		56045	56019/56009	56148	56055/56159	00032	√	ATCC™ 6538, BCRC 12154, CCM 4516, CCTM 2103, CCUG 10778, CCUG 1623, CECT 239, CGMCC 1.2465, CICC 10306, CIP 4.83, CNCTC Mau 29/58, DSM 799, FIRDI 941, HMGB B865, IEM Mau 29/58, IFO 13276, IMET 10761, LMG 8064, NBIMCC 3359, NCIMB 9518, <b>NCTC 10788</b>
<i>Staphylococcus epidermidis</i>		56092						<b>NCTC 6513</b>

Consult us for more details and availabilities

CRM accreditation ISO 19034 (\*in progress for LUMINATE 2.0)

14 Day Re-Hydration Fluid	1,1 ml x 20 vials	410386
Re-Hydration Fluid (8 hours)	1,1 ml x 20 vials	56021

API Nacl 0,85 % Medium	2 ml x100 vials	20070
API Nacl 0,85 % Medium	3 ml x100 vials	20040

API Nacl 0,85 % Medium	5 ml x100 vials	20230
Peptone Salt Broth	9mL x100 tubes	AEB111499