BNCC®
BeNa Culture Collection

National Certified Reference Material Catalog

Quality Assured · Dedicated Service

About Us

BNCC (BeNa Culture Collection) is a national-level high-tech enterprise focused on microbial technology research and industrialization, and a member of the World Federation for Culture Collections (WFCC). The company holds ISO 9001 quality management certification, CNAS/ISO 17025 laboratory accreditation, BSL-2 (P2) laboratory registration, and foreign-trade operating qualifications — and has been recognized as a provincial "Specialized, Refined, Distinctive and Innovative" (SRDI) enterprise with a 3A credit rating.

BNCC's R&D campus spans over 20,000 m². It houses the Henan Provincial Engineering Research Center for Microbial Germplasm Resource Preservation, the Henan Provincial Engineering Research Center for Industrial Microorganisms, and several other research platforms including Key Laboratories of Food Microbiology and Molecular Cell Biology. BNCC has built 9 major product libraries — research strains, research cells, biological QC products, microbial testing products, reference materials, genomic DNA, plasmids, culture media, and reagents. With over 20,000 product types spanning food, environment, industry, agriculture, research and other fields, BNCC has provided quality products and technical services to thousands of companies in China and abroad.

Product Advantages

BNCC's National Certified Reference Materials (CRMs) come with clearly assigned concentration values and expanded uncertainty, ensuring accurate, traceable measurements — suitable for performance evaluation of nucleic acid detection kits, laboratory quality control, instrument calibration, and method validation.

Viable Count Reference Materials

BNCC No.	National Std No.	Product Name	Concentration
376026	GBW(E)091331	Cronobacter sakazakii Chromogenic Plate Count Reference Material	(3.1±0.6)×10^4 CFU/mL
376025	GBW(E)091330	Cronobacter sakazakii Chromogenic Plate Count Reference Material	(3.0±0.6)×10^3 CFU/mL
376024	GBW(E)091329	Cronobacter sakazakii Chromogenic Plate Count Reference Material	(2.9±0.6)×10^2 CFU/mL
374018	GBW(E)091334	Salmonella Typhimurium XLD Plate Count Reference Material	(5.2±1.0)×10^4 CFU/mL
374017	GBW(E)091333	Salmonella Typhimurium XLD Plate Count Reference Material	(5.0±1.0)×10^3 CFU/mL
374014	GBW(E)091332	Salmonella Typhimurium XLD Plate Count Reference Material	(6.7±1.2)×10^2 CFU/mL
372451	GBW(E)091267	Staphylococcus aureus Plate Count Reference Material	(6.5±1.2)×10^4 CFU/mL
372450	GBW(E)091266	Staphylococcus aureus Plate Count Reference Material	(3.9±1.0)×10^3 CFU/mL
372449	GBW(E)091265	Staphylococcus aureus Plate Count Reference Material	(8.3±1.4)×10^2 CFU/mL
372446	GBW(E)091270	Total Colony Count Reference Material (Plate Count)	(7.9±1.5)×10^4 CFU/mL
372445	GBW(E)091269	Total Colony Count Reference Material (Plate Count)	(7.0±1.3)×10^3 CFU/mL
372444	GBW(E)091268	Total Colony Count Reference Material (Plate Count)	(7.1±1.1)×10^2 CFU/mL
366384	GBW(E)091262	Escherichia coli Plate Count Reference Material	(5.3±1.1)×10^2 CFU/mL
366383	GBW(E)091263	Escherichia coli Plate Count Reference Material	(5.0±1.0)×10^3 CFU/mL
366382	GBW(E)091264	Escherichia coli Plate Count Reference Material	(5.3±1.0)×10^4 CFU/mL
384103	GBW(E)101014	Molds and Yeasts in Food Plate Count Reference Material	(8.4±1.6)×10^4 CFU/mL
384102	GBW(E)101013	Molds and Yeasts in Food Plate Count Reference Material	(9.0±1.8)×10^3 CFU/mL
384101	GBW(E)101012	Molds and Yeasts in Food Plate Count Reference Material	(9.1±1.6)×10^2 CFU/mL
384098	GBW(E)091397	Pseudomonas aeruginosa Plate Count Reference Material	(5.2±0.7)×10^4 CFU/mL
384097	GBW(E)091396	Pseudomonas aeruginosa Plate Count Reference Material	(6.3±1.1)×10^3 CFU/mL
384095	GBW(E)091395	Pseudomonas aeruginosa Plate Count Reference Material	(7.7±1.2)×10^2 CFU/mL
384093	GBW(E)091399	Listeria monocytogenes Plate Count Reference Material	(3.6±0.6)×10^4 CFU/mL
384092	GBW(E)091398	Listeria monocytogenes Plate Count Reference Material	(3.6±0.6)×10^3 CFU/mL
384088	GBW(E)091394	Bacillus subtilis var. niger Spore Count Reference Material	(4.3±0.9)×10^7 CFU/mL
384087	GBW(E)091393	Bacillus subtilis var. niger Spore Count Reference Material	(5.5±1.1)×10^6 CFU/mL

Note: The above list shows only a selection of available products. Custom concentrations can be provided on request. For full product details, please visit www.bncc.com

Nucleic Acid Reference Materials

BNCC No.	National Std No.	Product Name	Concentration
378263	GBW(E)091318	Human Adenovirus Type 4 Genomic DNA Reference Material	(9.6±1.9)×10^3 copies/μL
378262	GBW(E)091319	Human Adenovirus Type 4 Genomic DNA Reference Material	(7.6±1.5)×10^2 copies/μL
378261	GBW(E)091320	Human Adenovirus Type 4 Genomic DNA Reference Material	(6.8±1.4)×10^1 copies/μL
385272	GBW(E)091374	Human Cytomegalovirus (UL140 Gene) Genomic DNA Reference Material	(3.1±0.6)×10^3 copies/μL
385271	GBW(E)091375	Human Cytomegalovirus (UL140 Gene) Genomic DNA Reference Material	(2.8±0.6)×10^2 copies/μL
385270	GBW(E)091372	Human Adenovirus Type 40 (Hexon Gene) Genomic DNA Reference Material	(5.5±1.1)×10^3 copies/μL
385269	GBW(E)091373	Human Adenovirus Type 40 (Hexon Gene) Genomic DNA Reference Material	(4.4±0.9)×10^2 copies/μL
385268	GBW(E)091376	Human Adenovirus Type 5 (Hexon Gene) Genomic DNA Reference Material	(1.1±0.2)×10^4 copies/μL
385267	GBW(E)091377	Human Adenovirus Type 5 (Hexon Gene) Genomic DNA Reference Material	(6.2±1.2)×10^2 copies/μL
395714	GBW(E)091498	Pseudorabies Virus (Swine) Genomic DNA Reference Material	(3.6±0.5)×10^3 copies/μL
395713	GBW(E)091497	Pseudorabies Virus (Swine) Genomic DNA Reference Material	(4.0±0.5)×10^2 copies/μL
395712	GBW(E)091496	Human Herpesvirus Type 3 Genomic DNA Reference Material	(5.6±0.7)×10^2 copies/μL
395711	GBW(E)091495	Human Herpesvirus Type 3 Genomic DNA Reference Material	(5.2±0.6)×10^3 copies/μL
395710	GBW(E)091494	Human Herpesvirus Type 2 Genomic DNA Reference Material	(6.5±0.8)×10^3 copies/μL
395709	GBW(E)091493	Human Herpesvirus Type 2 Genomic DNA Reference Material	(5.9±0.7)×10^2 copies/μL
395708	GBW(E)091492	Human Adenovirus Type 41 Genomic DNA Reference Material	(7.6±0.8)×10^3 copies/μL
395707	GBW(E)091491	Human Adenovirus Type 41 Genomic DNA Reference Material	(8.0±0.8)×10^2 copies/μL
395706	GBW(E)091490	Epstein-Barr Virus Genomic DNA Reference Material	(4.5±0.5)×10^3 copies/μL
395705	GBW(E)091489	Epstein-Barr Virus Genomic DNA Reference Material	(4.1±0.5)×10^2 copies/μL
395704	GBW(E)091488	Human Mycoplasma pneumoniae Genomic DNA Reference Material	(5.9±0.7)×10^3 copies/μL
395703	GBW(E)091487	Human Mycoplasma pneumoniae Genomic DNA Reference Material	(5.1±0.7)×10^2 copies/μL

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Inactivated Pathogen Reference Materials

BNCC No.	National Std No.	Product Name	Concentration
393133	GBW(E)091417	Human Adenovirus Type 40 (Hexon Gene) Inactivated Virus Nucleic Acid Reference Material	(6.3±1.6)×10^3 copies/μL
393132	GBW(E)091418	Human Adenovirus Type 40 (Hexon Gene) Inactivated Virus Nucleic Acid Reference Material	(5.6±1.4)×10^2 copies/μL
393130	GBW(E)091419	Human Adenovirus Type 5 (Hexon Gene) Inactivated Virus Nucleic Acid Reference Material	(4.3±1.1)×10^3 copies/μL
393129	GBW(E)091420	Human Adenovirus Type 5 (Hexon Gene) Inactivated Virus Nucleic Acid Reference Material	(4.4±1.1)×10^2 copies/μL
393128	GBW(E)091421	Human Cytomegalovirus (U140 Gene) Inactivated Virus Nucleic Acid Reference Material	(1.7±0.4)×10^3 copies/μL
393127	GBW(E)091422	Human Cytomegalovirus (U140 Gene) Inactivated Virus Nucleic Acid Reference Material	(1.9±0.5)×10^2 copies/μL

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Experimental Cell Lines · Microbial Strains · Microbial QC Products · Reference Materials

Henan Provincial Engineering Research Center for Microbial Germplasm Resource Preservation

Tel: 010-58103778

Email: info@bncc.com

Website: www.bncc.com

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