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CERTIFICATE

Certificate No. 2022-025

This is to certify that the products listed below produced by

SANITAR CO., LTD.

are in compliance with the requirements of nanoMark Product Certification System

- I. Company Name : **SANITAR CO., LTD.**
- II. Company Certificate : **No.028**
- III. Address : **7F, NO. 111-8, HSING DE ROAD, SAN CHUNG CITY,
TAIPEI, TAIWAN.(Application)
NHONTRACH I INDUSTRIAL ZONE, DONG NAI PROVINCE,
VIETNAM(Factory)**
- IV. Representative : **HSIAO, CHUN-HSIANG**
- V. Approved product : **Nano Antibacterial Product**
- VI. Product name, model/specification, approved item number and efficacy:
please refer to the Appendix
- VII. Date of Certificate Issuance : **Jul. 01, 2022**
Date of Certificate Expiration : **Jun. 30, 2023**

**Taiwan Nanotechnology
Industry Development Association**



Jul.01, 2022



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Appendix

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- I. Company Name : **SANITAR CO., LTD.**
- II. Approved product : **Nano Antibacterial Product**
- III. Product name, model/specification, approved item number and efficacy:

Product name	Model / Specification	Approved item number	Efficacy	Product name	Model / Specification	Approved item number	Efficacy
One piece toilet	C1358N	01733	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.	One piece toilet	C1385N	02921	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.
	C1458N	01734			C1650N	02922	
	CF1347N	01739			C1383N	03052	
	CF1447N	01740			C1384N	03053	
	CA1380N	01749			C1561N	03054	
	CF1475N	01752			CF1394N	03158	
	CPT1503N	01755			CF1375N-PW	03159	
	CPT1502N	01756			CF1374N-PW	03160	
	CPT1501N	01757			CF1474N-PW	03161	
	CF1356N	01758			C13170N	03228	
	CF1456N	01759			C14170N	03229	
	CA1390N	01760			CF1494N	03230	
	C1352N	01761			C1386N	03231	
	C1379N	01762			CF1354N	03232	
	C1479N	01763			CF1454N	03233	
	CA1381N	01764			CF1395N	03527	
	CF1378N	01766			CF1240N	01769	
	CF1478N	01767			CF1340N	01770	
	C1353N	02907			CF1345N	01774	
	C1453N	02908			CF1346N	01775	
	CF1382N	02911			CF1446N	01776	
	CP1504N	02912			CT1323N	01777	
	CP1506N	02913			CT1325N	01778	
	CF1344N	02914			CT1425N	01779	
	CF1444N	02915			CF1325N	01780	
	C1364N	02916			CF1425N	01781	
	C1464N	02917			CT1326N	01782	
	CF1342N	02918			CT1426N	01783	
	CF1442N	02919			CB1326N	01784	
	C1680N	02920			CB1426N	01785	
Close-couple toilet			(1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.	Close-couple toilet			(1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.

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- I. Company Name : **SANITAR CO., LTD.**
 II. Approved product : **Nano Antibacterial Product**
 III. Product name, model/specification, approved item number and efficacy:

Product name	Model / Specification	Approved item number	Efficacy	Product name	Model / Specification	Approved item number	Efficacy
Close-couple toilet	CF1330N	01786	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test.	Close-couple toilet	CJN1550N	02933	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test.
	CF1331N	01787			CJP1550N	02934	
	CF1431N	01788			CJP1550AN	02935	
	CF1338N	01789			CJP1550BN	02936	
	CPT1332N	01790			CJN1550AN	02937	
	CP1333N	01791			CJN1550BN	02938	
	CF1440N	01792			CJU1550AN	02939	
	CT1026N	01794			CJU1550BN	02940	
	CF1348N	01798			CT1423N	02941	
	CF1448N	01799			CF1320N-PW	03162	
	CF1341N	01800			CF1320N-BI	03163	
	CF1441N	01801			CF1420N-PW	03164	
	CF1349N	01802			CF1420N-BI	03165	
	CF1449N	01803			CTH1325N	03528	
	CT1325JN	01804			CTH1425N	03529	
	CT1425JN	01805			CF1540N	03530	
	CF1325JN	01806	(2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge.	Squatting toilet	C1230N	01812	(2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge.
	CF1425JN	01807			CS1230N	01813	
	CF1151N	01808			C1250N	01814	
	CF1351N	01810			CT1250N	01815	
	CF1530UN	02923			C1280N	01817	
	CF1530NN	02924			CS1280N	01818	
	CF1551UN	02925			C1290N	01819	
	CF1551NN	02926			C1230BN	03531	
	CF1551PN	02927			C1250BN	03532	
	CF1545UN	02928	(3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.	Wash Basin	L2155N	01820	(3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.
	CF1545NN	02929			L2230N	01821	
	CF1545PN	02930			L2360NS	01825	
	C1649N	02931			L2560N	01826	
	CJU1550N	02932			L5121N	01829	

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- I. Company Name : **SANITAR CO., LTD.**
II. Approved product : **Nano Antibacterial Product**
III. Product name, model/specification, approved item number and efficacy:

Product name	Model / Specification	Approved item number	Efficacy	Product name	Model / Specification	Approved item number	Efficacy
Wash Basin	LF5024N	01833	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.	Wash Basin	LF5256N	01877	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.
	LF5026N	01834			LF5258N	01878	
	LF5028N	01835			LF5239RN	01880	
	LF5030N	01836			LF5239SN	01881	
	LF5032N	01837			LF5324N	01882	
	L5119N	01838			LF5036N	01883	
	LF5236N	01843			LF2270N	01884	
	LF5240N	01844			LF2015AN	01885	
	LF5302N	01847			L5125N	01886	
	LF5304N	01848			LF5016N	02942	
	LF5306N	01849			LF5017N	02943	
	LF5312N	01852			LF5118N	02944	
	LF5314N	01853			LF5128N	02945	
	LF5316N	01854			LF5130N	02946	
	LF5318N	01855			LF5038N	02954	
	LF5320N	01856			LF5253N	02955	
	LF5338N	01858			LF5120N	02956	
	L2220N	01859			LF5255N	02958	
	L2150N	01860			LF5257N	02959	
	L5018N	01863			LF5019N	02960	
	L5020N	01864			LF5380N	02961	
	L5113N	01866			LF5382N	02962	
	L5115N	01867			LF5384N	02963	
	L5222N	01869			LF5386N	02964	
	LF5232N	01870			LF5388N	02965	
	LF5238N	01871			LF5260N	02966	
	L2014N	01872			LF5364N	02967	
	L5215N	01873			LF5362N	02968	
	LF5252N	01875			LF5368N	02969	
	LF5254N	01876			LF5370N	02970	

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 II. Approved product : **Nano Antibacterial Product**
 III. Product name, model/specification, approved item number and efficacy:

Product name	Model / Specification	Approved item number	Efficacy	Product name	Model / Specification	Approved item number	Efficacy
Wash Basin	LF5372N	02971	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.	Wash Basin	L5019N	03167	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.
	LF5374N	02972			LF5040N	03168	
	LF5376N	02973			LF5261N	03169	
	LF5019NS	02974			L5221N	03234	
	LF2270NS	02975			LF5127N	03235	
	L2560NS	02976			LF5240N	03533	
	L2230NS	02977			LF5263N	03534	
	L2220NS	02978			U0210N	01891	
	L2220ND	02979			U0261N	01894	
	L2155NS	02980			U0262N	01895	
	L2155ND	02981			U0291N	01897	
	L2150NS	02982			UA0295N	01900	
	L2150ND	02983			UA0283N	01901	
	L2150NH	02984			U0282N	01902	
	L2150NDH	02985			U0296N	01903	
	L2140NS	02986			U0231N	01904	
	L2140ND	02987			U0240N	01907	
	L2140NH	02988			U0285N	01908	
	L5018NS	02989		Urinal	U0221N	01909	
	L5018ND	02990			UA0287N	01910	
	LF5126N	02991			UF0265N	01911	
	LF5259N	03055			UF0286N	01912	
	L2152NS	03128			U0230N	01913	
	L2152ND	03129			UMP0287N	01914	
	L2152NH	03130			UMP0283N	01915	
	L2152NDH	03131			UMP0295N	01916	
	L2365NS	03132			U0284N	02992	
	L5261N	03133			U0288N	02993	
	L5216N	03134			U0264N	02994	
	LF5239LN	03166			U0266N	02995	

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II. Approved product : **Nano Antibacterial Product**
III. Product name, model/specification, approved item number and efficacy:

Product name	Model / Specification	Approved item number	Efficacy
Urinal	U0252N	02996	In compliance with the requirements of 「TN-052 Verification and Validation Standard on Nano Antibacterial Products -Type II」 : the following specifications are satisfied, (1)The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 99% before scrub resistance test. (2)Durability (scrub resistance) test : The antibacterial rate against specific Staphylococcus aureus and Escherichia coli must be higher than 90% after scrubbing for 2000 cycles with 450g sponge. (3)The PH value of skin irritant is less than 2, and there is no abnormality in oral acute toxicity.
	U0267N	02997	
	U0232N	03056	
	U0233N	03057	
	U0289N	03058	
	U0237N	03135	
	U0239N	03136	
	U0211N	03170	
	UA0234N	03236	
	UA0237N	03237	
	U0234N	03241	
	U0235N	03242	
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