



奈米標章
nanoMark

CERTIFICATE

Certificate No. 2024-011

This is to certify that the products listed below produced by

Hocheng Corporation

are in compliance with the requirements of nanoMark Product Certification System

- I. Company Name : **Hocheng Corporation**
- II. Company Certificate : **No.019**
- III. Address : **No. 135, Houzhuang, Bade Dist.,
Taoyuan County 334, Taiwan (R.O.C)**
- IV. Representative : **Chiu, Li-Chien**
- 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 : **Jan. 01, 2024**
Date of Certificate Expiration : **Dec. 31, 2024**

**Taiwan Nanotechnology
Industry Development Association**



Jan.01, 2024



奈米標章
nanoMark

Appendix

Certificate No. 2024-011

- I. Company Name : **Hocheng Corporation**
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	C239AdbT	01559	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.	One piece toilet	C4511GMT	02738	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.
	C4283AdbT	01564			C4511GMUT	02739	
	C4283AdbUT	01565			C5519GMUT	02740	
	C4286AdbT	01566			C660GT	02741	
	C4286AdbUT	01567			C899GMUT	02742	
	C4289PAdbT	01568			AFC290	03012	
	C4513AdbMUT	01569			AFC168ADB	03013	
	C4514AdbMUT	01570			C4613AdbMT	03014	
	C4603AdbST	01572			C4034MUT	03015	
	C4606AdbST	01573			C4035MUT	03016	
	C5519NadbMUT	01574			C800G	03017	
	C660AdbT	01576			C4518M	03018	
	C800AdbMUT	01577			C4053ADB	03019	
	C840AdbMUT	01578			C4813AdbMUT	03020	
	C899AdbMUT	01580			AFC167ADB	03059	
	AFC203G	02722			C167T	03061	
	AFC204G	02723			C2553AdbMT	03062	
	AFC208G	02724			C2563AdbMUT	03063	
	AFC209G	02725			C4035GMU	03064	
	AFC213G	02726			C4053GMU	03065	
	AFC214G	02727			AFC268	03171	
	AFC230G	02728			AFC6699	03172	
	AFC240G	02730			C3660	03173	
	AFC280G	02731			C8899	03174	
	AFC284G	02732			C4068	03254	
	C3032GT	02733			C4837	03255	
	C4293GT	02734			C8309	03256	
	C4293GUT	02735			C4106	03865	
	C4296GT	02736			C4295	03866	
	C4296GUT	02737			C4297	03867	

**Taiwan Nanotechnology
Industry Development Association**

Jan.01, 2024



奈米標章
nanoMark

Appendix

Certificate No. 2024-011

- I. Company Name : **Hocheng Corporation**
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	C4399	03868	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.		CS130G	02745	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.
Close-couple toilet	AFC133Adb	01581			CS130GMU	02746	
	AFC134Adb	01582			CS140EJ	02747	
	C141NAdb	01583			CS140EJMU	02748	
	C145NAdb	01585			CS140G	02749	
	C145NBAdb	01586			CS140GMU	02750	
	C148Adb	01587			CS218	02751	
	C41NAdb	01588			CS4394AdbMU	02752	
	C4288NBPAdb	01589			CS4396AdbMU	02753	
	C4388Adb	01590			CS4394G	02754	
	C5516PUAdb	01591			CS4396G	02755	
	C5517PUAdb	01592			CS4396GMU	02756	
	CS41NAdb	01599			CS4394AAdb	02757	
	CS4384AAdb	01601			CS4396AAdb	02758	
	CS4384Adb	01602		Close-couple toilet	CS4522GMT	02759	
	CS4384AdbU	01603			CS4522GMUT	02760	
	CS4386AAdb	01604			CS5518EGMUT	02761	
	CS4386Adb	01605			CS4528M	03021	
	CS4386AdbU	01606			C4388G	03066	
	CS4389PAdb	01607			C5516GPU	03067	
	CS4394Adb	01608			C5517GPU	03068	
	CS4396Adb	01609			CS1303ADB	03069	
	CS4523AdbMUT	01610			CS1404ADB	03070	
	CS4524AdbMUT	01611			CS4393	03071	
	CS5518EAdbMUT	01612			CS4394GMU	03072	
	CS5518QAdbMUT	01613			CS4396GMU	03073	
	CS662AdbMU	01614			CS4522N	03100	
	CS802NAdbMU	01615			CS4522A	03101	
	CS130EJ	02743			C5516N	03102	
	CS130EJMU	02744			C5517N	03103	

**Taiwan Nanotechnology
Industry Development Association**

Jan.01, 2024



奈米標章
nanoMark

Appendix

Certificate No. 2024-011

- I. Company Name : **Hocheng Corporation**
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	CS176	03104	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.	Urinal	U29BAdb	01636	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.
	C5516NB	03175			U29NAdb	01637	
	C5517NB	03176			U667Adb	01642	
	CS153NADB	03177			U8826Adb	01644	
	CS154NADB	03178			U8826NBAdb	01645	
	CS2600ADB	03179			U999Adb	01646	
	CS4566	03180			U28NUAdb	02762	
	CS4588	03181			U29BUAdb	02763	
	CS2130AdbMU	03869			U8826NAdb	02764	
	CS2140AdbMU	03870			U11	03182	
Squatting toilet	CS4394AdbGMU	03871	(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	U283Adb	03874	(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.
	CS4396AdbGMU	03872			L101Adb	01647	
	C106NAdb	01617			L107SAdb	01650	
	C108NAdb	01618			L131SAdbR	01651	
	C108NPAdb	01619			L161SAdb	01652	
	C108NPLAdb	01620			L161SAdbR	01653	
	C109NAdb	01621			L186SAdb	01654	
	C109NPAdb	01622			L252SAdb	01656	
	CS108NAdb	01624			L333SAdbR	01658	
	CS108NPAdb	01625			L337NAdb	01659	
	CS108NPLAdb	01626			L3406SAdb	01660	
	CS109NAAdb	01627			L3408SAdb	01661	
	CS109NAdb	01628			L3410SAdb	01662	
	CS109NPAdb	01629			L347Adb	01663	
Urinal	C106NSAdb	03571	(4)The result of silver-precipitation test should be less than 0.05 ppm.	L363NSAdb	01664	(4)The result of silver-precipitation test should be less than 0.05 ppm.	
	C108NAdb-S41G	03873		L4007SAdb	01667		
	U24Adb	01630		L400SAdb	01668		
	U24BAdb	01631		L4057Adb	01672		
	U289Adb	01632		L4090SAdb	01674		
	U28NAdb	01635					

**Taiwan Nanotechnology
Industry Development Association**

Jan.01, 2024



奈米標章
nanoMark

Appendix

Certificate No. 2024-011

- I. Company Name : **Hocheng Corporation**
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	L4100NSAdb	01675	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.	Wash Basin	LF4174SAdbR	01712	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.
	L4120SAdb	01676			LF4174SLAdbR	01713	
	L4176SAdb	01677			LF4182SAdbR	01714	
	L4177SAdb	01678			LF4182SLAdbR	01715	
	L4620SAdb	01679			LF4185SAdbR	01716	
	L550SAdb	01680			LF4185SLAdbR	01717	
	L5513NSAdb	01681			LF5513NSAdbR	01718	
	L5513NSAdbR	01682			LF800SAdbR	01719	
	L551SAdb	01683			LF800SLAdbR	01720	
	L552SAdb	01684			LF802SAdbR	01721	
	L55SAdb	01685			LF802SLAdbR	01722	
	L575SAdb	01686			LF802SLQAdbR	01723	
	L590SAdb	01687			LF957SAdb	01724	
	L6633SAdb	01688			LF997SAdb	01726	
	L970Adb	01690			LF999SAdbR	01727	
	LF100Adb	01691			L252NSAdb	02765	
	LF107SAdb	01692			L4120SAdb	02766	
	LF131SAdbR	01693			L4175SAdb	02767	
	LF161SLAdbR	01694			L55SNAdb	02768	
	LF161SLQAdbR	01695			L618SAdb	02769	
	LF259SAdbR	01697			L688Adb	02770	
	LF2685SAdbR	01698			L970SAdb	02771	
	LF320Adb	01699			L6628	03022	
	LF320AdbR	01700			L6638	03023	
	LF320SLAdb	01701			L6680	03024	
	LF320SLAdbR	01702			L1050SAdb	03074	
LF333SAdbR	01703	L1051SAdb	03075				
LF351Adb	01704	L1052SAdb	03076				
LF358SAdbR	01705	L1092SAdb	03077				
LF367SAdbR	01706	L1185SAdb	03078				

**Taiwan Nanotechnology
Industry Development Association**

Jan.01, 2024



奈米標章
nanoMark

Appendix

Certificate No. 2024-011

- I. Company Name : **Hocheng Corporation**
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	L1626SAdb	03079	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.	Wash Basin	L5775N	03196	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. (4)The result of silver-precipitation test should be less than 0.05 ppm.
	L2122SADB	03080			L6628SADB	03197	
	L2523SADB	03081			L6638SADB	03198	
	L3060Adb	03082			L6886	03199	
	L320NSADBR	03083			L71N	03200	
	L320NSR	03084			L839	03201	
	L3484Adb	03085			L4058	03572	
	L4551S	03086			L4521S	03573	
	L4560S	03087			L6631	03574	
	L4561S	03088			L1053SAdb	03875	
	L4562SAdb	03089			L3520SAdb	03876	
	L4580S	03090			L4102SAdb	03877	
	L4756	03091			L4103SAdb	03878	
	L482	03092			L4104SAdb	03879	
	L55NSAdb	03093			L4107SAdb	03880	
	L6637	03094			L4109SAdb	03881	
	L6639Adb	03095			L7125SAdb	03882	
	L6665SAdb	03096			L7175SAdb	03883	
	L1616	03184			L7000Adb	03884	
	L1639	03185			L7002Adb	03885	
	L2262SADB	03186		Mop Basin	S323Adb	01729	
	L2281SADB	03187			S324Adb	01730	
	L2401	03188			S333Adb	01731	
	L3041S	03189			SF322N	02772	
	L4010	03190			SF323	02773	
	L4506ADB	03191			S335	02774	
L4581SADB	03192	SF3250	03575				
L5206	03193	Laboratory sink	S385Adb	03886			
L5656	03194		S306Adb	01732			
L5775	03195	Following blank					

**Taiwan Nanotechnology
Industry Development Association**

Jan.01, 2024