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# CERTIFICATE

Certificate No. 2025-005

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. 405, Fude 1st Rd., 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, 2025**  
Date of Certificate Expiration : **Dec. 31, 2025**

**Taiwan Nanotechnology  
Industry Development Association**



**Jan.01, 2025**



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# Appendix

Certificate No. 2025-005

- 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, 2025



奈米標章  
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# Appendix

Certificate No. 2025-005

- 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.	Close-couple toilet	CS5518QAdbMUT	01613	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.
	AFC6695	03897			CS662AdbMU	01614	
	C2611MUT	03898			CS802NAdbMU	01615	
	C4034GMU	03899			CS130EJ	02743	
	C4111M	03900			CS130EJMU	02744	
C4588	03901	CS130G			02745		
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	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				

**Taiwan Nanotechnology Industry Development Association**

Jan.01, 2025



奈米標章  
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# Appendix

Certificate No. 2025-005

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	CS4396GMU	03073	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.	Squatting toilet	CS109NAdb	01628	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.
	CS4522N	03100			CS109NPAdb	01629	
	CS4522A	03101			C106NSAdb	03571	
	C5516N	03102			C108NAdb-S41G	03873	
	C5517N	03103		Urinal	U24Adb	01630	
	CS176	03104			U24BAdb	01631	
	C5516NB	03175			U289Adb	01632	
	C5517NB	03176			U28NAdb	01635	
	CS153NADB	03177			U29BAdb	01636	
	CS154NADB	03178			U29NAdb	01637	
	CS2600ADB	03179			U667Adb	01642	
	CS4566	03180			U8826Adb	01644	
	CS4588	03181			U8826NBAdb	01645	
	CS2130AdbMU	03869			U999Adb	01646	
	CS2140AdbMU	03870		U28NUAdb	02762		
	CS4394AdbGMU	03871		U29BUAdb	02763		
CS4396AdbGMU	03872	U8826NAdb	02764				
CS4522K	03902	U11	03182				
C6516B	03903	U8829	03183				
C6517B	03904	U283Adb	03874				
Squatting toilet	C106NAdb	01617	U283	03905	Wash Basin	L101Adb	01647
	C108NAdb	01618	U283B	03906		L107SAdb	01650
	C108NPAdb	01619	U3330	03907		L131SAdbR	01651
	C108NPLAdb	01620	U6080	03908		L161SAdb	01652
	C109NAdb	01621				L161SAdbR	01653
	C109NPAdb	01622				L186SAdb	01654
	CS108NAdb	01624					
	CS108NPAdb	01625					
	CS108NPLAdb	01626					
	CS109NAAdb	01627					

**Taiwan Nanotechnology Industry Development Association**

Jan.01, 2025



奈米標章  
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Certificate No. 2025-005

- 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	L252SAdb	01656	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	LF161SLAdbR	01694	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.
	L333SAdbR	01658			LF161SLQdbR	01695	
	L337NAdb	01659			LF259SAdbR	01697	
	L3406SAdb	01660			LF2685SAdbR	01698	
	L3408SAdb	01661			LF320Adb	01699	
	L3410SAdb	01662			LF320AdbR	01700	
	L347Adb	01663			LF320SLAdb	01701	
	L363NSAdb	01664			LF320SLAdbR	01702	
	L4007SAdb	01667			LF333SAdbR	01703	
	L400SAdb	01668			LF351Adb	01704	
	L4057Adb	01672			LF358SAdbR	01705	
	L4090SAdb	01674			LF367SAdbR	01706	
	L4100NSAdb	01675			LF4174SAdbR	01712	
	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	LF802SLQdbR	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				

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Industry Development Association**

Jan.01, 2025



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 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	L55SNadb	02768	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	L1616	03184	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.
	L618Sadb	02769			L1639	03185	
	L688Adb	02770			L2262SADB	03186	
	L970Sadb	02771			L2281SADB	03187	
	L6628	03022			L2401	03188	
	L6638	03023			L3041S	03189	
	L6680	03024			L4010	03190	
	L1050Sadb	03074			L4506ADB	03191	
	L1051Sadb	03075			L4581SADB	03192	
	L1052Sadb	03076			L5206	03193	
	L1092Sadb	03077			L5656	03194	
	L1185Sadb	03078			L5775	03195	
	L1626Sadb	03079			L5775N	03196	
	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				

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Industry Development Association**

Jan.01, 2025



奈米標章  
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- 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
Wash Basin	L7000Adb	03884	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.
	L7002Adb	03885	
	L2521	03909	
	L3530	03910	
	L4058	03911	
	L4568	03912	
Mop Basin	S323Adb	01729	
	S324Adb	01730	
	S333Adb	01731	
	SF322N	02772	
	SF323	02773	
	S335	02774	
	SF3250	03575	
Laboratory sink	S306Adb	01732	
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Jan.01, 2025