



NIPPON INTERTRADE CO.,LTD.

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: SODIUM HYPOCHLORITE
SAMPLE NO.: 192/08
LOT NO.: 2015C
MFG DATE: 25 AUG 2025
EXP DATE: 25 AUG 2026

SAMPLING POINT: TANKFARM
APPEARANCE: CLEAR YELLOW SOLUTION
CERTIFICATE NO.: 12/601/25
TEST DATE: 25/08/2025
REPORT DATE: 25/08/2025

ITEM	UNIT	SPECIFICATION	TEST METHOD	RESULT
AVAILABLE CHLORINE	% (W/W)	10.0-13.0	TIS 225-2556 Refer to ASTM D2022-89 (Reapproved 2016 WIM/CAU/PROD/004/A	11.32
Free Alkali as NaOH	%(W/W)	MAX 1.50	TIS 225-2556 Refer to ASTM D2022-89 (Reapproved 2016 WIM/CAU/PROD/004/E	1.24
Heat Stability	% (W/W)	MIN 7.7	TIS 225-2556 WIM/CAU/PROD/004/G	7.82
Specific Gravity at 20°	-	1.169-1.229	WIM/CAU/PROD/004/D	1.176
Total Alkali as NaOH	%(W/W)	MAX 1.50	WIM/CAU/PROD/004/B	1.37
Sodium Chloride (NaCl)	%(W/W)	MAX 11.4	WIM/CAU/PROD/004/I	4.85
Ferric Oxide (Fe2O3)	PPM	MAX 1.0	(WIM/CAU/PROD/004/C)	0.10
pH	-	MIN 13.0	pH Meter	13.15

THIS IS TO CERTIFY THAT WE, THE UNDERSIGNED, HAVE INSPECTED THE QUALITY OF THE ABOVE METIONED GOODS AND FOUND THE RESULT OFINSPECTON AS FOLLOWS: