



NIPPON INTERTRADE CO.,LTD.

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: SODIUM HYDROXIDE SOLUTION
SAMPLE NO.: 212/07
MFG DATE: 02 SEP 2025
EXP DATE: 02 SEP 2026

SAMPLING POINT: TANK03
LOT NO.: 250903A
TEST DATE: 01/09/2025
REPORT DATE: 01/09/2025

ITEM	UNIT	SPECIFICATION	TEST METHOD	RESULT
SPECIFIC GRAVITY AT 30°C	-	1.514-1.523	WIM/CAU/PROD/001/A)	1.521
SODIUM HYDROXIDE (NaOH)	%(W/W)	49.50-50.50	TIS 150-2562 Clause 7.3 (WIM/CAU/PROD/001/B)	50.13%
SODIUM CHLORIDE (NaCl)	%(W/W)	MAX 0.01	TIS 150-2562 (WIM/CAU/PROD/001/C)	0.0042
SODIUM CARBONATE (Na ₂ CO ₃)	%(W/W)	MAX 0.20	TIS 150-2562 (WIM/CAU/PROD/001/B)	0.070
SODIUM CHLORATE (Na ₂ CO ₃)	Mg/kg	MAX 100	TIS 150-2562 (WIM/CAU/PROD/001/D)	17
IRON (Fe)	%(W/W)	MAX 0.0005	ASTM E291-18 (WIM/CAU/PROD/003/G)	0.00020
FREE OXIDE (Fe ₂ O ₃)	%(W/W)	MAX 0.0007	ASTM E291-18 (WIM/CAU/PROD/003/G)	0.00029
HEAVY METALS	mg/kg	MAX 5.0	ICP WIM/CAU/PROD/001/L	1.52
ARSENIC (As)	mg/kg	MAX 0.5	ICP WIM/CAU/PROD/001/L	<0.001
MERCURY (Hg)	mg/kg	MAX 0.05	ICP WIM/CAU/PROD/001/L	<0.001
LEAD (Pb)	mg/kg	MAX 0.5	ICP WIM/CAU/PROD/001/L	<0.001

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