

## TYPICAL ANALYSIS CERTIFICATE

**PRODUCT** SODIUM HYPOCHLORITE(NaOCl)  
**GRADE** TYPE-1(% 15)  
**LOT NO** 20240202-S632-01  
**MANUFACTURING DATE** 02.02.2024  
**EXPIRATION DATE** 17.02.2024(\*)

ANALYSIS	RESULT	SPECIFICATION	UNIT	METHOD
Available Chlorine Content	15.91	15.0 - 16.0	%(m/v)	TITRIMETRIC
Available Chlorine Content	13.04	12.5 - 13.3	%(m/m)	TITRIMETRIC
Total Chloride Content	16.41	15.5 - 17.6	%(m/v)	TITRIMETRIC
NaOH Content	0.9	0.7 - 1.1	%(m/v)	TITRIMETRIC
Na <sub>2</sub> CO <sub>3</sub> Content	0.22	0.0 - 0.4	%(m/v)	TITRIMETRIC
Suds	No	No		VISUAL
Stability(24 h,35°C)	0.23	0.0 - 7.0	%(m/v)	TITRIMETRIC
Iron Content (Fe)	0.12	0.0 - 0.2	ppm	COLORIMETRIC
Density (at°20C)	1.22	1.2 - 1.23	g/ml	DENSITOMETRIC
pH	12.5	12.0 - 13.0		PH METER
Sodium Hypochlorite	13.8	13.0 - 14.0	%(m/m)	TITRIMETRIC

RESULT:  
X Acceptance  
Non Acceptance

(\*) Sodium Hypochlorite regarding its nature can be used without decomposition when it exceeds of expiration date under the specified conditions (Max. 25°C no light, no moisture.) However, there may be a decrease in activity.  
The expiry date of product has determined as 15 days according to the "Regulation on waters for human consumption" and "Regulation on Biocidal Products".

**APPROVED BY**  
Laboratories  
Manager  
ELMAS TOPÇU

This certificate of analysis has been produced electronically and is valid without a signature.

Please contact with customer service or sales department for customer support.

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