



Testing Laboratory
Accreditation
Certificate

Accreditation No. RTL00780



KANTO CHEMICAL CO., INC. Soka Factory

7-1, Inari 1-chome, Soka-city, Saitama, 340-0003 Japan

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said testing laboratory.

Applicable accreditation criteria : JIS Q 17025:2018 (ISO/IEC 17025:2017)
Scope of accreditation : **Chemical testing**
(As described in the appendix)
Premises covered by accreditation : As described in the appendix.
Expiry date of accreditation : October 31, 2027

Revised May 26, 2023
Renewed November 1, 2023
Initial accreditation October 20, 2000

Y. Iizuka, President

Japan Accreditation Board



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Accreditation Certificate

Appendix

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|--------------------|--|
| Type of Laboratory | Testing Laboratory |
| Name of Laboratory | KANTO CHEMICAL CO., INC. Soka Factory |
| Address | 7-1, Inari 1-chome, Soka-city, Saitama, 340-0003 Japan |

1) Premises on which testing activities are performed

| | | |
|--|---|---|
| Name of Premises | KANTO CHEMICAL CO., INC. Soka Factory | |
| Address of Premises | Postal code | 340-0003 |
| | Address | 7-1, Inari 1-chome, Soka-city, Saitama, Japan |
| Testing service at permanent facilities or on site testing service | <input checked="" type="checkbox"/> Testing service at permanent facilities <input type="checkbox"/> On site testing service | |

Scope of Accreditation

| | |
|---------------|----------------------|
| FIELD | M26 Chemical Testing |
| CODE OF CIT*1 | M26.A7 |
| NAME OF CIT | Reagents |

*1 CIT: Classification of Item to be Tested

*2 TCT: Technical Classification of Test

| CODE & NAME OF TCT*2 | PROPERTIES MEASURED | TEST METHOD STANDARD / STANDARD OPERATING PROCEDURE |
|--|--|--|
| B1.2 Volumetric analysis I : Photometric titration | EDTA2Na solution 0.01 mol/L to 0.1 mol/L | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 c) [except 5)] Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | Hydrochloric acid 0.05 mol/L to 2 mol/L | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 e) [except 4)] : Partial change (minimum limit) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | Sodium hydroxide solution 0.05 mol/L to 2 mol/L | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 r) : Partial change (maximum and minimum limit) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | Potassium hydroxide solution 0.1 mol/L to 1 mol/L | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 ab) [except 4) , 5)] Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | Sulfuric acid 0.05 mol/L to 0.5 mol/L | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions |



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| Type of Laboratory | Testing Laboratory |
| Name of Laboratory | KANTO CHEMICAL CO., INC. Soka Factory |
| Address | 7-1, Inari 1-chome, Soka-city, Saitama, 340-0003 Japan |

| CODE & NAME OF TCT*2 | PROPERTIES MEASURED | TEST METHOD STANDARD / STANDARD OPERATING PROCEDURE |
|--|---|---|
| B1.2 Volumetric analysis I : Potentiometric titration | 0.1 mol/L Perchloric acid in Glacial acetic acid | -JA.6.4 y) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | Potassium permanganate solution 0.02 mol/L to 0.1 mol/L | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 f) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | 0.05 mol/L Sodium oxalate solution | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 l) 1) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | 0.1 mol/L Silver nitrate solution | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 n) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | 0.1 mol/L Sodium chloride solution | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 n) : Partial change (the test method of the Silver nitrate solution) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | 0.1 mol/L Sodium thiosulfate solution | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 t)2) Sampling : According to Standard Operation Procedure (SO-EE-041). |
| | 0.05 mol/L Iodine solution | • JIS K 8001 General rule for test methods of reagents annex JA.6 Volumetric solutions -JA.6.4 w) : Partial change (Potentiometric titration) Sampling : According to Standard Operation Procedure (SO-EE-041). |

Japan Accreditation Board



Testing LAB
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Report No. 23114

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Test Report

Customer name KANTO CHEMICAL CO., INC
Soka Factor
Reagent Manufacturing Sect. II

Address of the customer 7-1, Inari 1-chome, Soka-city, Saitama, JAPAN

Test sample 1 mol/L Sodium hydroxide solution

Manufacturer KANTO CHEMICAL CO.,INC. Soka Factory
Lot Number 508K9025
Date of test Aug.04.2023
Test location KANTO CHEMICAL CO.,INC. Soka Factory
Test method JIS K 8001 ,JA.6.4 r) 1)
This volumetric solution was tested according to the method JIS K 8001, by means of Amidosulfuric acid as a reference for volumetric analysis.

Sampling Sampling procedure is established by the Testing laboratory.
Date of Sampling Aug.03.2023

Test result Factor 1.002 ± 0.002 (20 °C)

The number , which follows (\pm) means expanded uncertainty $U = kuc$, and the number was determined by the coverage factor $k = 4.303$ based on t -distribution when the degree of freedom is double ($\nu = 2$).

The expanded uncertainty has taken as the 95% level of confidence of the mean value.

Y. Takayashiki

Nov.10.2023

Deputy General Manager

Date of issue

- 1.This report was issued by the Testing laboratory, accredited by Japan Accreditation Board (JAB) conformed to ISO/IEC 17025
- 2.The test result was obtained from verification method of the product homogeneity. Therefore it can be applied to all the products having identical lot number described above.
- 3.It is prohibited from making a copy for any part of the document without permission of the Testing laboratory.



KANTO CHEMICAL CO.,INC.

Soka Factory

7-1, Inari 1-chome Soka-city Saitama, 340-0003 Japan