

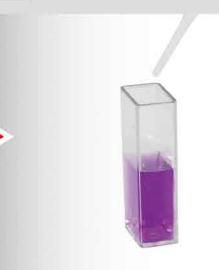
ION TEST Analysis Procedure

1 Add Reagent



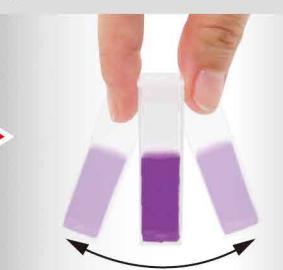
Drop reagent into the cell

2 Add Sample



Drop 5 mL of sample into the cell

3 Shake



Shake slightly test cell with lid

4 Colorimetry



Compare to analyze with standard color card

△Read carefully Manual in advance

△Keep ION TEST Kits in a cool and dark place

Where and Which Parameter is IONTEST applied?

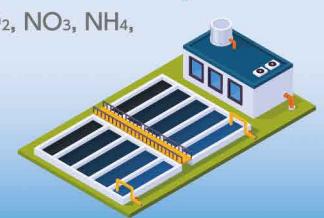
for Environmental Research

COD, NO₂, NO₃, NH₄, PO₄, TN-i, etc.



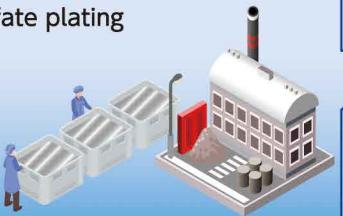
for Drinking Water Inspection

O₃, HOCl, COD, NO₂, NO₃, NH₄, TN-i, Fe, etc.



for Plating Analysis

Copper, Nickel, Sulfate plating solution industry.
Cu, Ni, Cr⁶⁺, CN⁻, PO₄, Fe, Zn, H₂O₂, etc.



for Waste Water Analysis

Food Factory, Chemical Factory, Drainage, etc.
COD, TN-i, PO₄, NO₂, NO₃, NH₄, HOCl, O₃, Cr⁶, Cr^T, CN⁻, Zn, etc.



for Fishery Management

COD, NH₄, NO₂, NO₃, PO₄, TN-i, etc.



for Educational Aid

COD, NO₂, NO₃, NH₄, TN-i, Cu, Ni, Cr⁶, HOCl, O₃, CN, H₂O₂, Fe, Zn, etc.



KRK

◆ Powder Reagent is sealed up for long /safe validity

◆ Convenient for on-site Testing

◆ Refined Colorimetry, Ion-Test

Fine transparent Test Cell & 7 colors gradation

IONTEST

Water Simple Analysis Kit



KRK

Kasahara
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Kasahara



IONTEST

Water Simple Analysis kit

Anyone can Easily Analyze Water Quality, Anytime and Anywhere.

ION TEST

Model	Testing item	Range (mg/l = ppm)	Determination Time	Quantity	Applications
WIT-Cu	Copper	0.2/0.5/1.0/2.0/3.0/5.0/10 Reduction and Bicinchoninic Acid method	2min.	50	Waste water management
-Cu(B)	Copper	0.2/0.5/1.0/2.0/3.0/5.0/10 Bathocuproine Disulfonic Acid Disodium Salt method ★ If Test water contains such Chelating agent as EDTA, etc., please apply WIT-Cu(B) for testing.	1min.	50	Waste water management
-Ni	Nickel	0.2/0.5/1.0/2.0/3.0/5.0/10 Nioxime method	2min.	50	Waste water management
-NH ₄	Ammonium ion Ammonium-Nitrogen	0.3/0.7/1.3/2.6/6.5/13/26 NH ₄ ⁺ 0.2/0.5/1.0/2.0/5.0/10/20 NH ₄ ⁺ -N Indophenol Blue method	5min.	50	Waste water management River water check
-COD-M	COD-M(Middle range)	0/5/10/13/20/50/100 Oxidation with Potassium Permanganate in Alkalinity method	4~6min.	50	Waste water management River water check
-COD-H	COD-H(High range)	0/20/40/80/120/180/250 Oxidation with Potassium Permanganate in Alkalinity method	4~6min.	50	Waste water management Environmental research
-Cr ⁶⁺	Chromium(Hexavalent)	0.05/0.1/0.2/0.5/0.8/1.0/2.0 Cr ⁶⁺ Diphenylcarbazide method	2min.	50	Waste water management Process management
-Cr ^T	Total Chromium	0.5/1/2/5/8/10/20 Cr ^T Oxidation and Diphenylcarbazide method	30sec.	50	Waste water management RoHS
-HOCl	Residual Chlorine	10/20/30/50/80/100/150 KI method	10sec.	50	Waste water management Residue check

ION TEST KIT SPECIFICATION

Standard Component

1	Standard Color	1
2	Reagent	50 Pcs.
3	Test Cell	1Pc.
4	Box	1Pc.
5	Pipette	1Pc.



STD Component part is optionally available.

WIT-Cu-STD	WIT-Cu-STD (EXP. WIT-Cu)	CELL-5C
Standard Color (selective)	Reagent (50 pcs) (selective)	Test Cell with Lid (5mL)
WIT-Cu-STD (EXP. WIT-Cu-STD)		

Features

- Test Cell/Color Card of repeatable use
- Powdered reagent is sealed air-tight & economically priced.
- Light weight package for convenience
- Colorimetry in 7 colors
- Anyone can easily analyze anytime, anywhere

Test Application

- Semiconductor, Plating industry sewage
- Tap water, river water, groundwater
- Experimental chemistry at laboratory, school.
- Septic tank drainage, Factory drainage