

# Iodine — Iron

## Iodine

Often added to process water in poultry plants, iodine is a widely used industrial disinfectant. The long-path cube method allows quick measurement of low iodine concentrations. In the absence of chlorine or other oxidants, chlorine test kits (see pages 284-285) can also be used to determine iodine.

## Iron

In domestic water supplies, iron can do great economic damage by staining laundry and porcelain fixtures and by producing an off taste in beverages. In water supplies used for commercial beverage production, low levels of iron are critical. Hach test kits with TPTZ powder reagent and Hach test strips provide the simplest method for determining low to mid-range iron concentrations.



**MOST POPULAR CHOICES!**

Test	Model	Method/Chemistry	Range (mg/L)*	Smallest Increment (mg/L)*	Approx. No. of Tests	Case Style (See page 304)	Ship. Wt. (lb)	Product Number
<b>Iodine</b>								
As I	LP Cube	Long-path cube/DPD	0-2.5	0.5	50	Sealed Bag	0.5	<b>2193900</b>
<b>Iron, low range</b>								
As Fe**	IR-24	Color disc/FerroZine®	0-0.2 0-1.0	0.002 0.01	100	D	2	<b>255600</b>
	IR-21	Color disc/TPTZ	0-0.1 0-1.2	0.01 0.05	100	D	2	<b>2299300</b>
	Pocket Colorimeter™ II	Colorimeter/TPTZ	0.01-1.70	0.01	50-100	D	2.5	<b>5870016</b>
	Pkg of 25 iron reagent ampules (optional resupply for Prod. No. 5870016)							<b>2510025</b>
<b>Iron, medium range</b>								
As Fe**	IR-18	Color disc/ 1,10 Phenanthroline	0.1-5	0.1	100	B	1	<b>146400</b>
	IR-18A	Color disc/ 1,10 Phenanthroline	0.02-1	0.02	100	B	2	<b>146500</b>
	IR-18B	Color disc/ 1,10 Phenanthroline	0.2-10	0.2	100	B	1	<b>146401</b>
	Test Strips		0-5 ppm	Steps: 0, 0.15, 0.3, 0.6, 1, 2, 5 ppm	25		0.2	<b>2745325</b>
	Cube	Cube/1,10 Phenanthroline	1-5	1	50	Sealed Bag	0.25	<b>1400800</b>
	Cube	Cube/1,10 Phenanthroline	2-10	2	50	Sealed Bag	0.25	<b>2543500</b>
	Pocket Colorimeter™ II FerroVer® (total Fe)	Colorimeter/ Colorimeter™ II FerroVer® (total Fe)	0.02-5.00	0.01	100	D	3	<b>5870022</b>
	Pkg of 25 iron reagent ampules (optional resupply for Prod. No. 5870022)							<b>2507025</b>
As Fe**	AccuVac® Kit†	Color disc/ 1,10 Phenanthroline	0.2-10	0.2	25	G	4	<b>2507050</b>
As Fe <sup>2+</sup> (ferrous iron)	IR-18C	Color disc/ 1,10 Phenanthroline	0.2-10	0.2	100	B	1	<b>2667200</b>

\*mg/L unless otherwise noted; ppb = µg/L; ppm = mg/L.; gpg = grains per gallon; 1 gpg = 17.1 mg/L or 17.1 ppm.

\*\*Dissolved Fe<sup>2+</sup> and Fe<sup>3+</sup> detected, digestion required for Total Iron.

†EPA-accepted for wastewater and potable water. Approved by some states for potable water under specific conditions. Check with your regulatory agency.



Iron Test Kit— Model IR-21  
Prod. No. 2299300



Iron Color Cube Kit  
Prod. No. 1400800



Iron Test Kit— AccuVac® Model  
Prod. No. 2507050