



Color Standard Card

No Detect Positive Detect

Negative



Uranium



2.4 ppm

Americium



2.4 ppm

Positive Detect

Plutonium



242 ppm

Cobalt



590 ppm

Primary
Transition Metals



Cu - 635 ppb | Ni - 587 ppb
Zn - 654 ppb

To be read in conjunction with the Operating Manual and Instruction Cards

Summary of Minimum Detection Limits



Color Standard Card



KEY

ppt - parts per thousand
ppm - parts per million
ppb - parts per billion

Detection by Concentration – Uranium (U)

To be read in conjunction with the Operating Manual and Instruction Cards

No Detect

Positive Detect



Negative



2.4 ppm

(1E-5M)
(6E-2 Bq/mL)



24 ppm

(1E-4M)
(6E-1 Bq/mL)



238 ppm

(1E-3M)
(6E+0 Bq/mL)



2.4 ppt

(1E-2M)
(6E+1 Bq/mL)



Color Standard Card



KEY

ppt - parts per thousand
ppm - parts per million
ppb - parts per billion

Detection by Concentration - Americium (Am)

To be read in conjunction with the Operating Manual and Instruction Cards

No Detect

Positive Detect



Negative



2.4 ppm
(1E-5M)
(1.8E+4 Bq/mL)



24 ppm
(1E-4M)
(1.8E+5 Bq/mL)



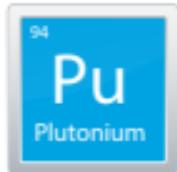
243 ppm
(1E-3M)
(1.8E+6 Bq/mL)



2.4 ppt
(1E-2M)
(1.8E+7 Bq/mL)



Color Standard Card



KEY

ppt - parts per thousand
ppm - parts per million
ppb - parts per billion

Detection by Concentration - Plutonium (Pu)

To be read in conjunction with the Operating Manual and Instruction Cards

No Detect

Positive Detect



Negative



242 ppm
(1E-3M)
(3.5E+4 Bq/mL)



2.4 ppt
(1E-2M)
(3.5E+5 Bq/mL)



Color Standard Card



KEY

ppt - parts per thousand
ppm - parts per million
ppb - parts per billion

Detection by Concentration - Cobalt (Co)

To be read in conjunction with the Operating Manual and Instruction Cards

No Detect

Positive Detect



Negative



590 ppb

(1E-5M)
(2.5E+7 Bq/mL)



5.9 ppm

(1E-4M)
(2.5E+8 Bq/mL)



59 ppm

(1E-3M)
(2.5E+9 Bq/mL)



590 ppm

(1E-2M)
(2.5E+10 Bq/mL)



Color Standard Card



KEY

ppt - parts per thousand

ppm - parts per million

ppb - parts per billion

Detection by Concentration:
Primary Transition Metals – Copper (Cu), Nickel (Ni) and Zinc (Zn)

To be read in conjunction with the Operating Manual and Instruction Cards

No Detect

Positive Detect



Negative

Cu - 635 ppb (1E-5) (635 ug/L)
Ni - 587 ppb (1E-5) (587 ug/L)
Zn - 654 ppb (1E-5) (654 ug/L)



Cu - 6.4 ppm (1E-4) (6.4 mg/L)
Ni - 5.9 ppm (1E-4) (5.9 mg/L)
Zn - 6.5 ppm (1E-4) (6.5 mg/L)



Cu - 63.5 ppm (1E-3) (63.5 mg/L)
Ni - 58.7 ppm (1E-3) (58.7 mg/L)
Zn - 65.4 ppm (1E-3) (65.4 mg/L)



Cu - 635 ppm (1E-2) (635 mg/L)
Ni - 587 ppm (1E-2) (587 mg/L)
Zn - 654 ppm (1E-2) (654 mg/L)

Color Standard Card

Key documentation

Scan for
Safety Data Sheet



Scan for
Operating Manual



Scan for
Instruction Cards

