**PENYEDIAAN LARUTAN PIAWAI KERJA ICPMS**

LARUTAN STOK PIAWAI KERJA

A

1. 0.5 g Blank 50g

1000ppm As, Pb, Cd [10ppm As, Pb, Cd]

B

1. 0.5 g 1000ppm Hg Blank 50 g [10ppm Hg]
2. **2g** larutan A (10ppm As, Cd, Pb) + 0.4 **g** larutan B (10 ppm Hg )

Blank

20 g larutan stok piawaian kerja (C)

(larutan 1000 ppb As, Cd & Pb dan 200 ppb Hg)

LARUTAN PIAWAI KERJA

**Blank**

1. 0.25 g larutan C 50 g (5ppb As, Cd, Pb / 1ppb Hg)

**Blank**

1. 1.25 g larutan C 50 g (25 ppb As, Cd, Pb/ 5 ppb Hg)

**Blank**

1. 3.75 g larutan C 50 g (75 ppb As, Cd, Pb/ 15 ppb Hg)

**Blank**

1. 7.5 g larutan C 50 g (150ppb As, Cd, Pb/30ppb Hg)

CALIBRATION CHECK SOLUTION

1ST

Hg

**Blank**

1 g 1000ppm Hg 20g [50ppm Hg]

2ND

|  |  |
| --- | --- |
| Std stock solution | Dilute with blank solution to: |
| 2g 50ppm Hg | 100g 5ppm As, Pb & Cd;1ppm Hg  (QC 1) |
| 0.5 g 1000ppm As |
| 0.5 g 1000ppm Pb |
| 0.5 g 1000ppm Cd |

3RD

**Blank**

1g QC1 100g 50ppb As, Pb & Cd;10ppb Hg (QC2)