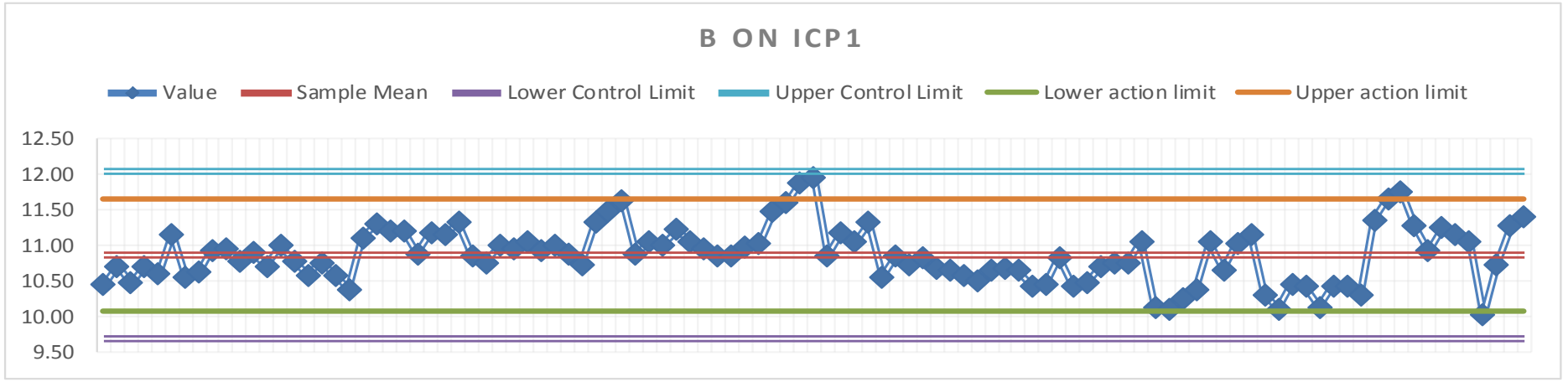
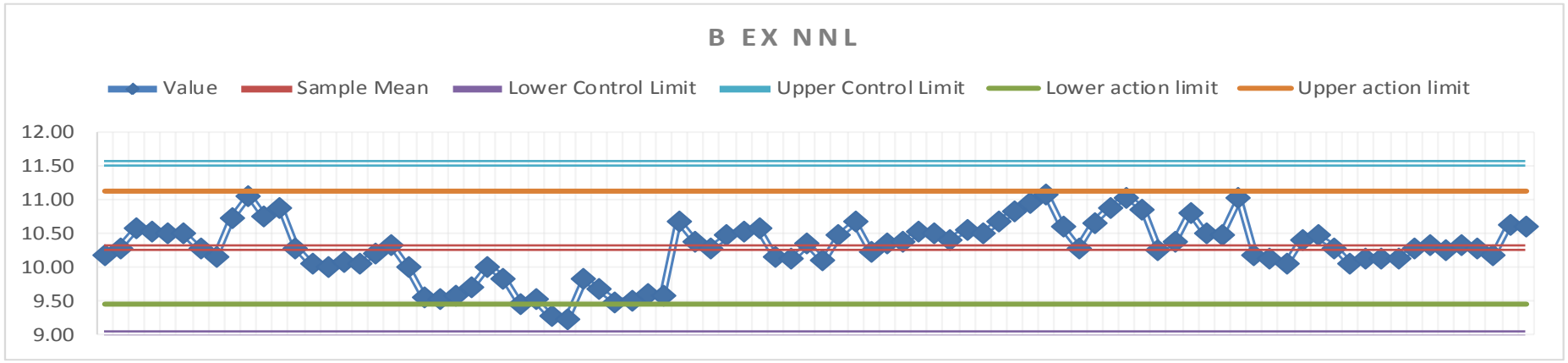
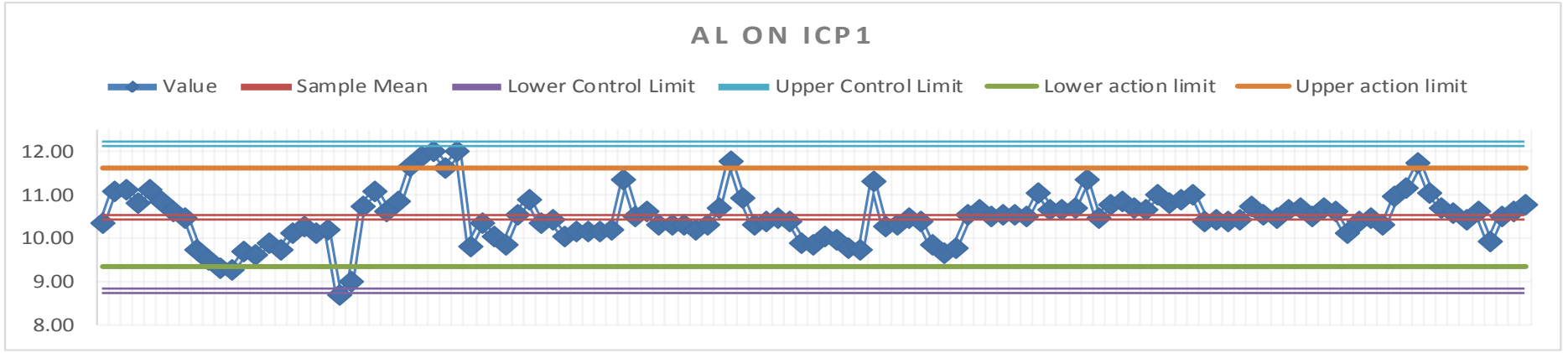
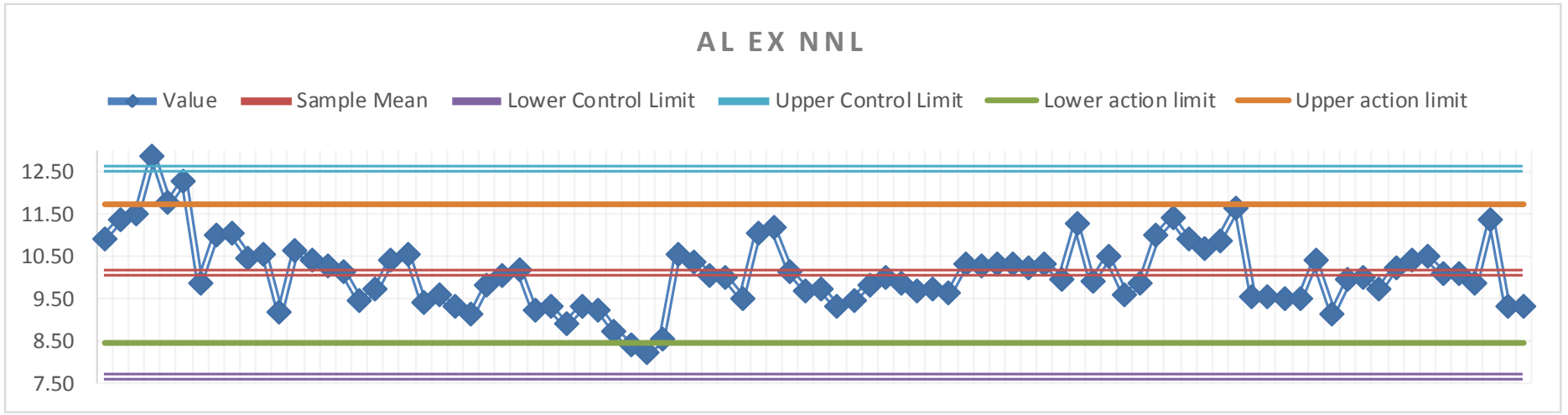
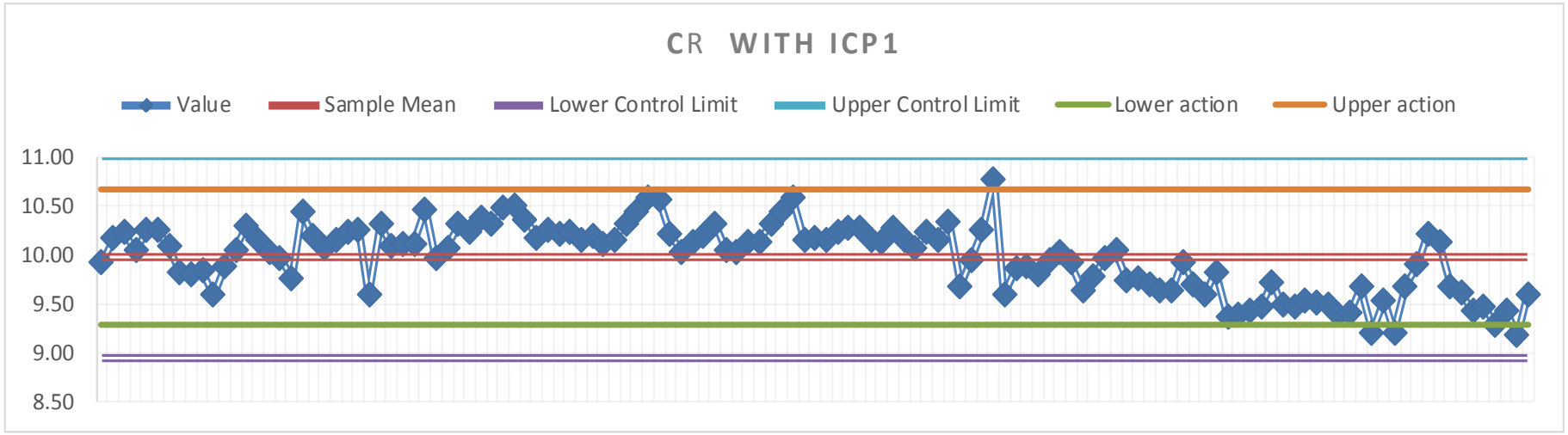
Summary Control Charts ICP 1- comparison with NNL

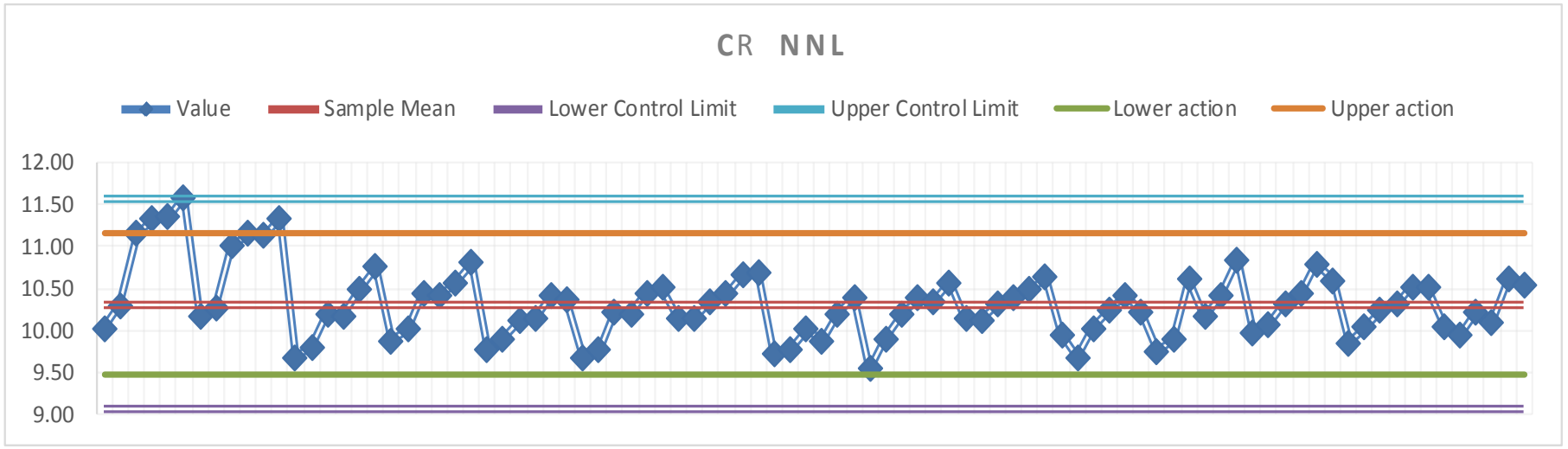


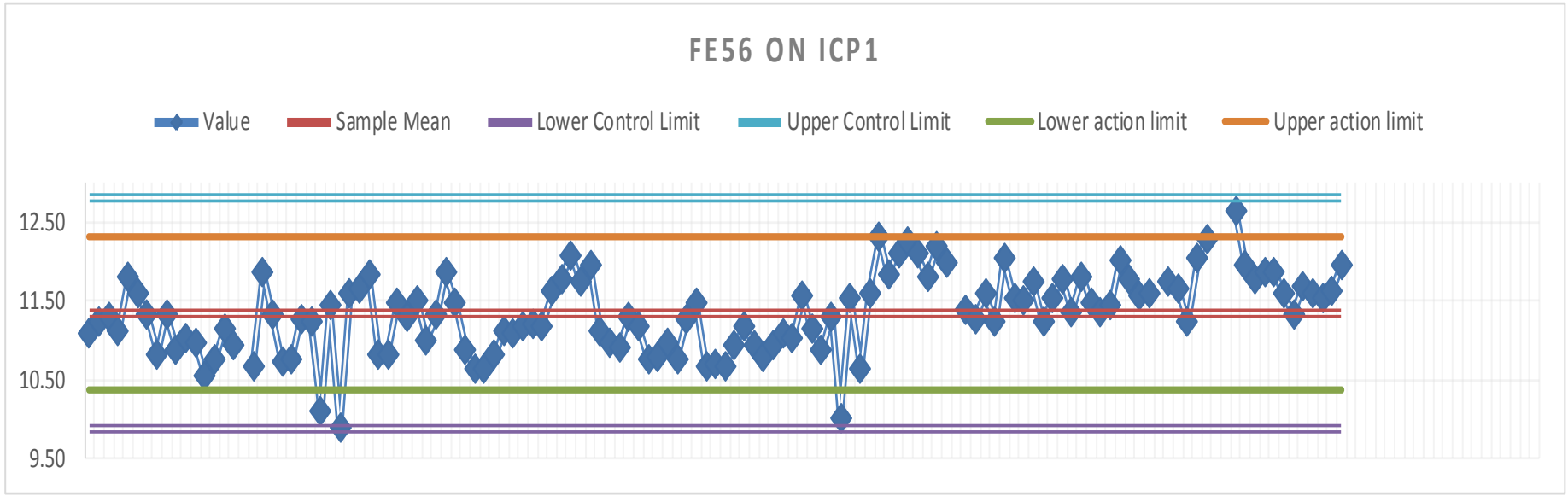


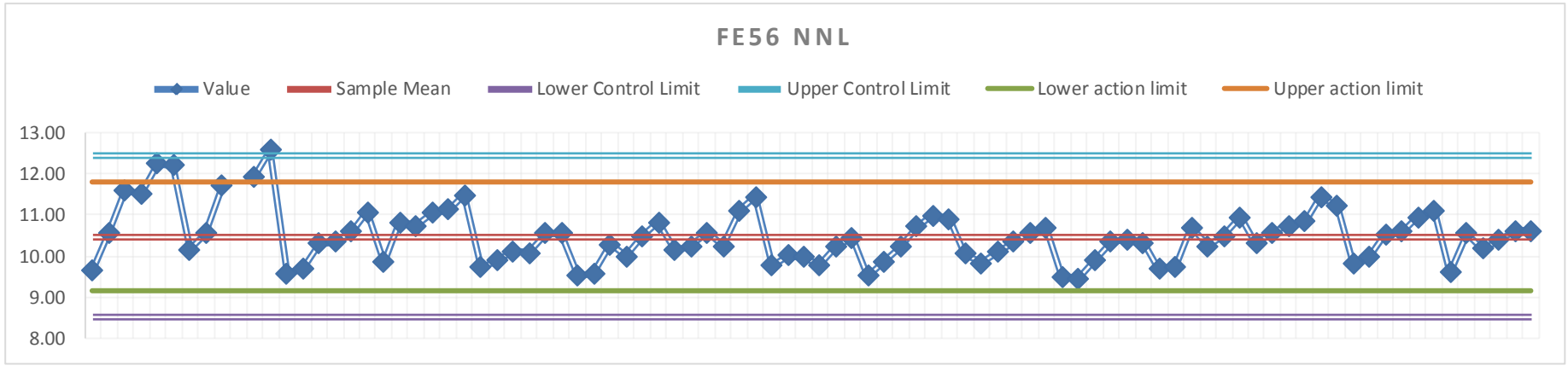

AL ON ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
12.00
11.00
10.00
9.00
8.00

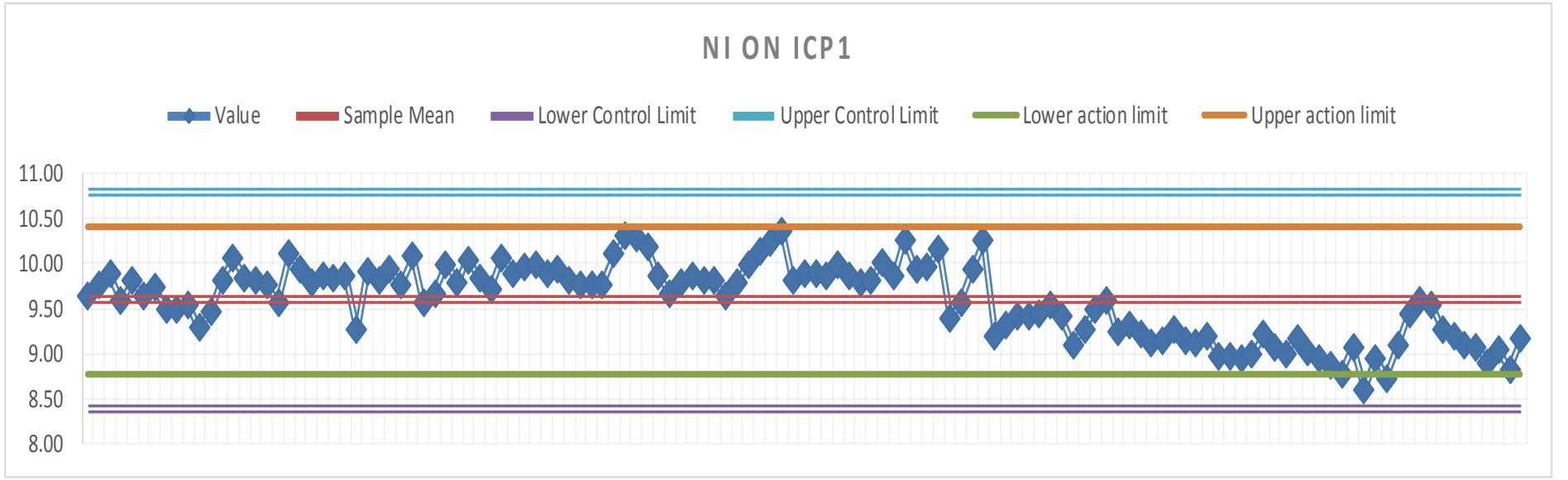

AL EX NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
12.50
11.50
10.50
9.50
8.50
7.50

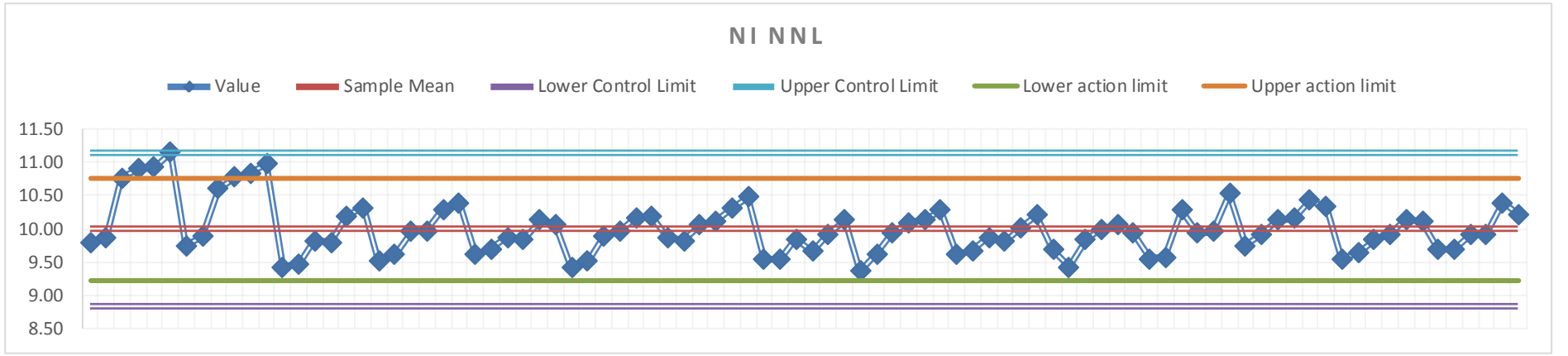

CR WITH ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action
Upper action
11.00
10.50
10.00
9.50
9.00
8.50

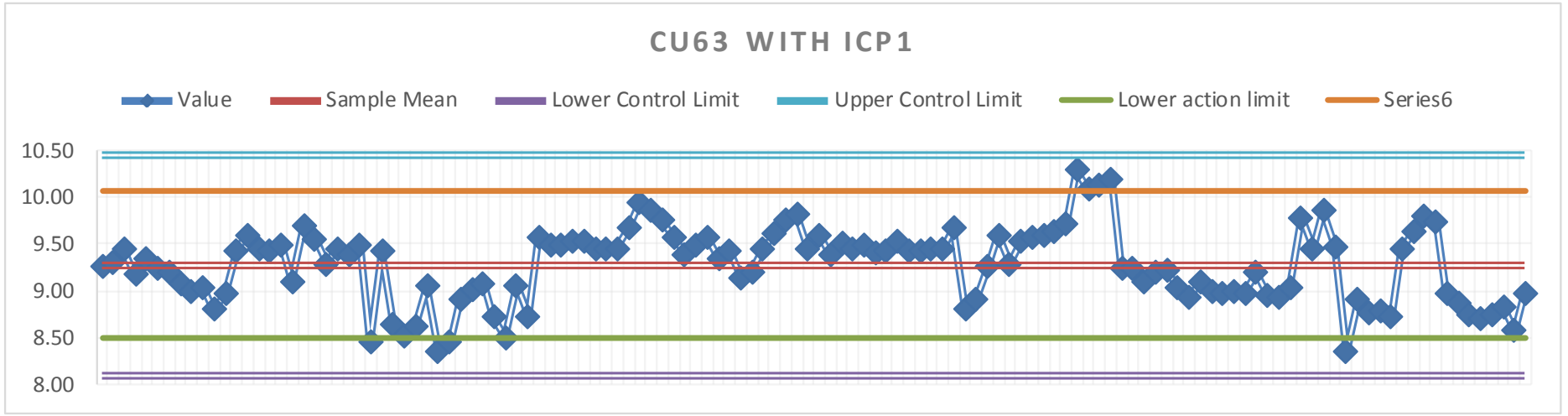

CR NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action
Upper action
12.00
11.50
11.00
10.50
10.00
9.50
9.00

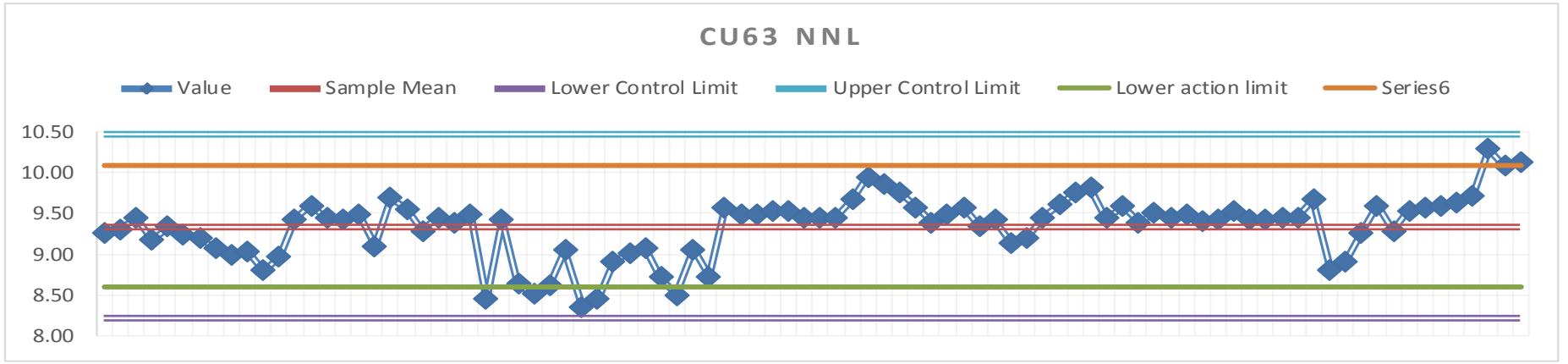

FE56 ON ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
12.50
11.50
10.50
9.50

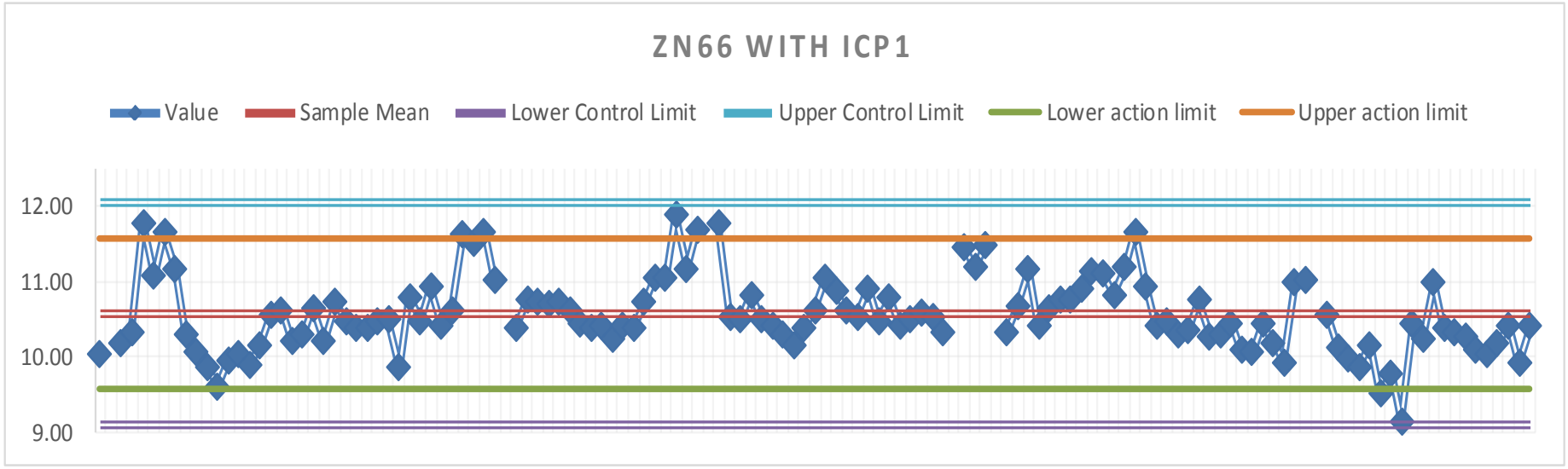

FE56 NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
13.00
12.00
11.00
10.00
9.00
8.00

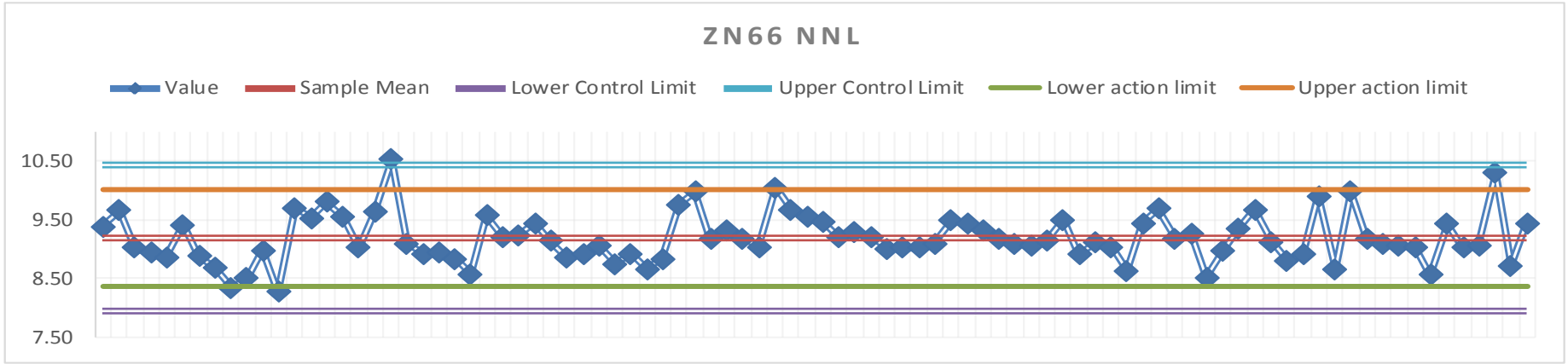

NI ON ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
11.00
10.50
10.00
9.50
9.00
8.50
8.00

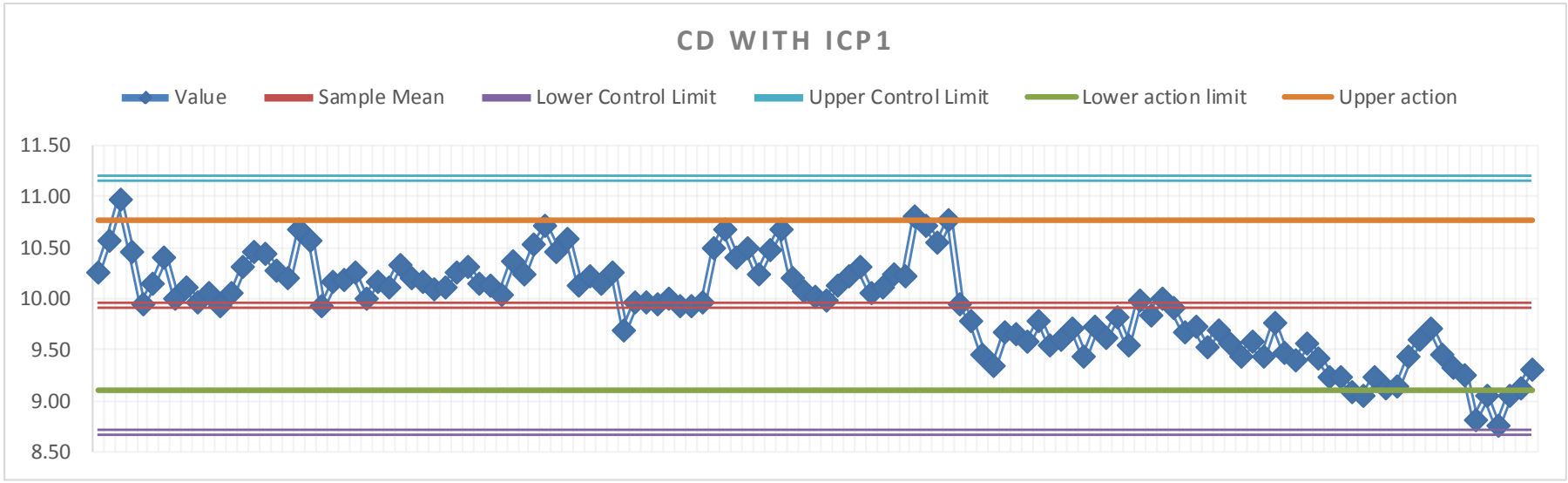

NI NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
11.50
11.00
10.50
10.00
9.50
9.00
8.50

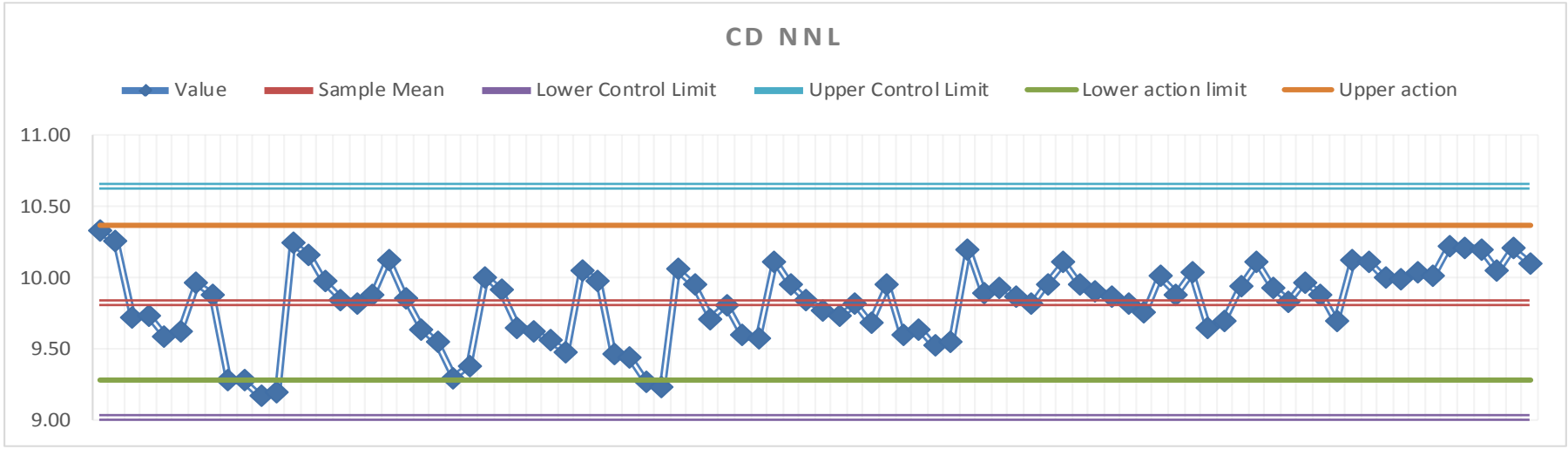

CU63 WITH ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Series6
10.50
10.00
9.50
9.00
8.50
8.00

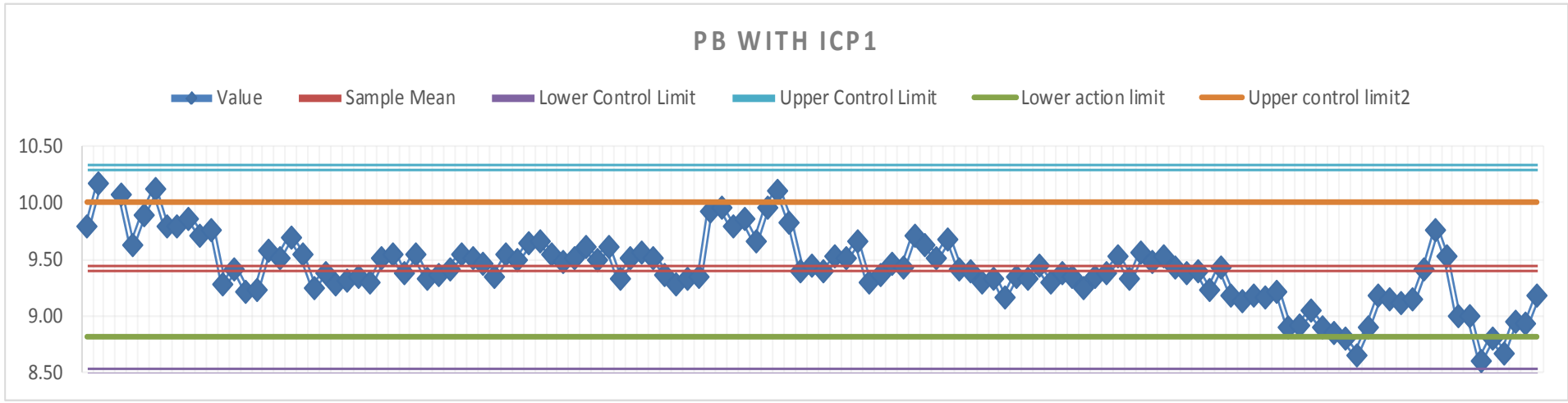

CU63 NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Series6
10.50
10.00
9.50
9.00
8.50
8.00

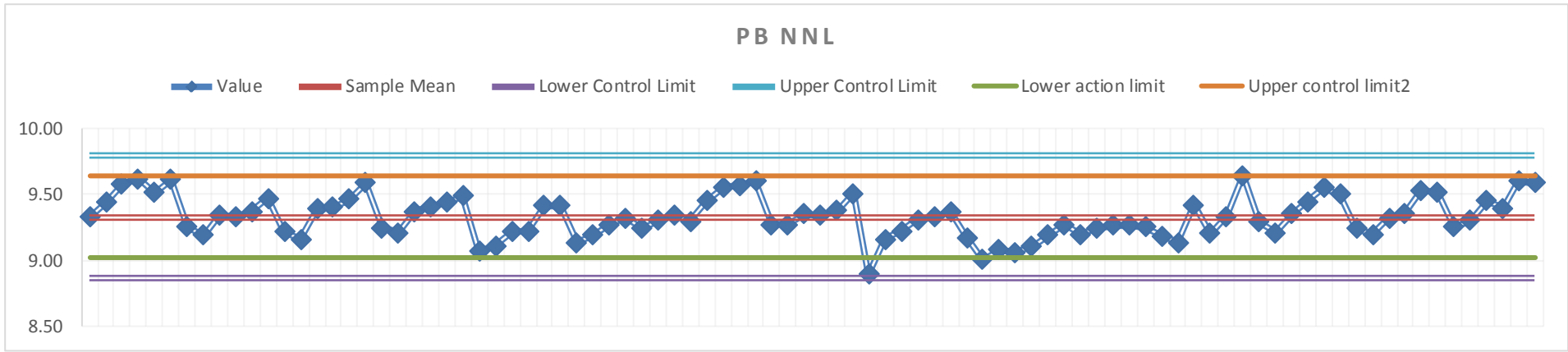

ZN66 WITH ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
12.00
11.00
10.00
9.00


ZN66 NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action limit
10.50
9.50
8.50
7.50

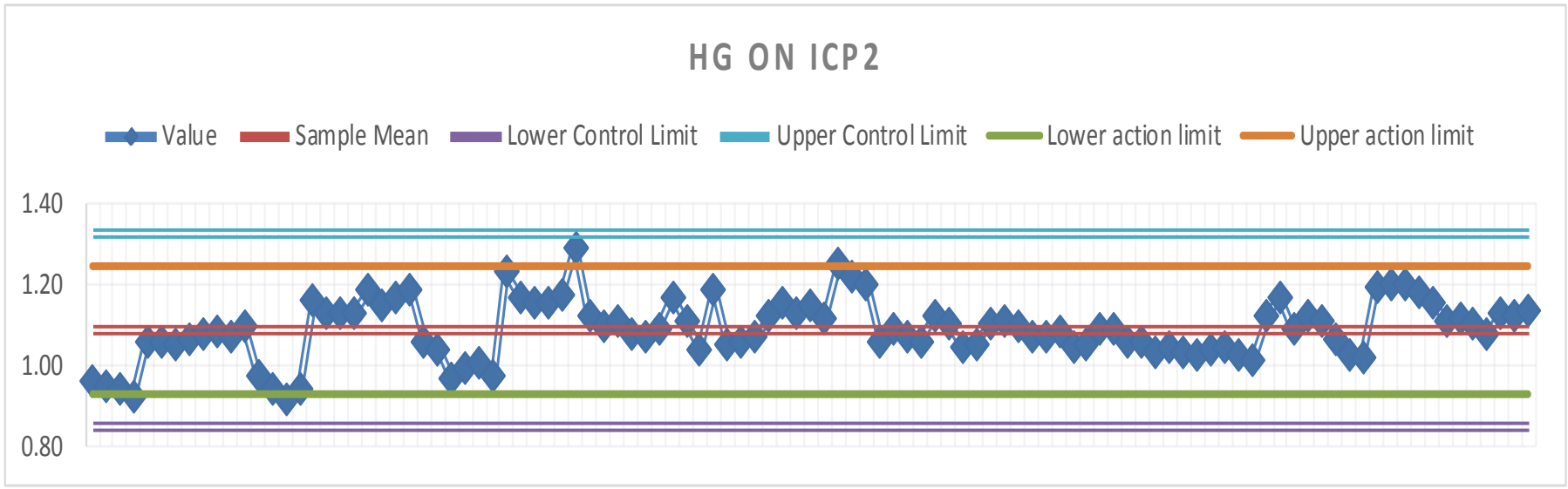

CD WITH ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action
11.50
11.00
10.50
10.00
9.50
9.00
8.50

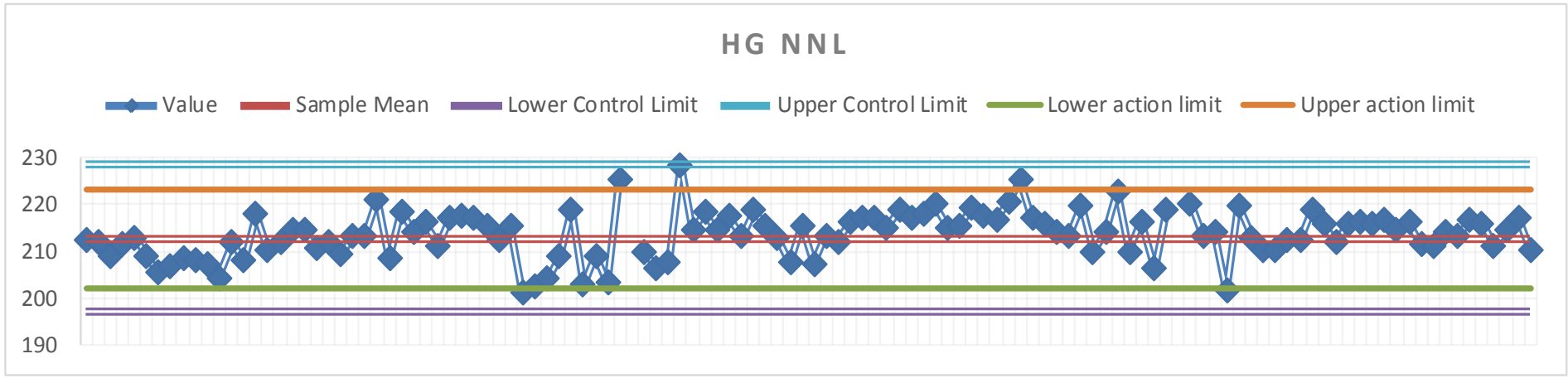

CD NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper action
11.00
10.50
10.00
9.50
9.00


PB WITH ICP1
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper control limit2
10.50
10.00
9.50
9.00
8.50


PB NNL
Value
Sample Mean
Lower Control Limit
Upper Control Limit
Lower action limit
Upper control limit2
10.00
9.50
9.00
8.50

Control charts ICP2- from Nov 2015





Control charts for each element are presented.

ICP-1 is used mainly for the main metals

ICP-2 is used mainly for mercury.

Scale on left hand side is in ppb with the exception of mercury which is in ng/L