

G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : AH1220N (2019-01-28 ~ 2100-12-31) Change

列印圖表

檢驗單位 : Lab044

| QC Control Lot No. | Control N | | Control D | |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
| | AH1220N | | AH1220D | |
| 檢驗期間 | Month (2023/08) | CUM (2023/03/03~2023/08/25) | Month (2023/08) | CUM (2023/03/03~2023/08/25) |
| 累計點數 (N) | 4 | 26 | 4 | 26 |
| 累計平均值 (Mean) U/gHb | 17.0 | 24.9 | 5.4 | 7.3 |
| 累計標準差 (SD) | 0.4 | 11.6 | 0.1 | 2.9 |
| 累計變異係數 (CV) % | 2.4 | 46.6 | 1.9 | 39.7 |
| 目標值 (Target) U/gHb | 17.7 | 17.7 | 5.6 | 5.6 |
| 總誤差 (TE) % | 8.7 | 133.9 | 7.3 | 109.8 |
| 可容許總誤差 (TEa) % | 20 | 20 | 20 | 20 |
| σ | >6 | -0.4 | >6 | -0.3 |

誤差 (Bias)% = $\{ [| \text{累計平均值 (Mean)} - \text{目標值 (Target)} |] / \text{目標值 (Target)} \} \times 100\%$
 總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 × 累計變異係數 (CV)
 σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

月統計 : 2023 08 Change ; 累計期間 (CUM) : 自 2023 03 03 至 2023 08 25 Change

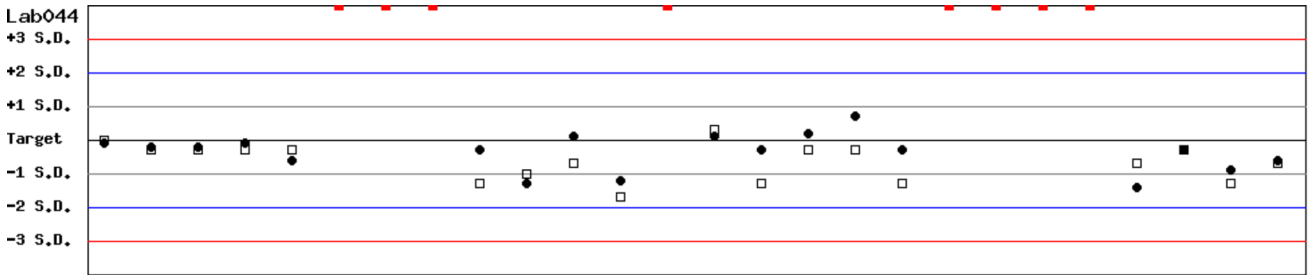
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Control N 及 Control D SDI 分佈圖

Lot No.: AH1220N ; 檢驗期間 : 2023-03-03 至 2023-08-25 ; 目標值 (Target) : 17.7 ; 參考標準差 (SD) : 0.90 (●)

Lot No.: AH1220D ; 檢驗期間 : 2023-03-03 至 2023-08-25 ; 目標值 (Target) : 5.6 ; 參考標準差 (SD) : 0.30 (□)

單位 : Lab044



Date 03-03 03-10 03-17 03-24 03-31 04-07 04-14 04-28 05-05 05-12 05-19 05-26 06-01 06-02 06-09 06-16 06-23 06-30 07-07 07-14 07-21 07-28 08-04 08-11 08-18 08-25

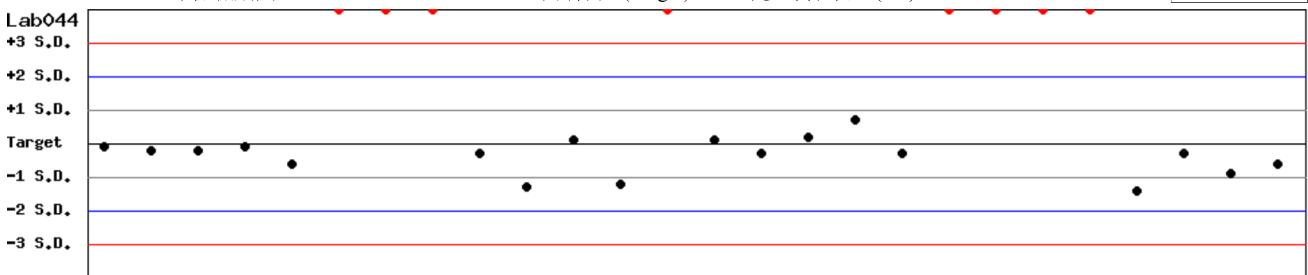
月統計 : 2023 08 Change ; 累計期間 (CUM) : 自 2023 03 03 至 2023 08 25 Change

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Control N SDI 分佈圖

Lot No.: AH1220N ; 檢驗期間 : 2023-03-03 至 2023-08-25 ; 目標值 (Target) : 17.7 ; 參考標準差 (SD) : 0.90

單位 : Lab044



Date 03-03 03-10 03-17 03-24 03-31 04-07 04-14 04-28 05-05 05-12 05-19 05-26 06-01 06-02 06-09 06-16 06-23 06-30 07-07 07-14 07-21 07-28 08-04 08-11 08-18 08-25

月統計 : 2023 08 Change ; 累計期間 (CUM) : 自 2023 03 03 至 2023 08 25 Change

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Control D SDI 分佈圖

Lot No.: AH1220D ; 檢驗期間 : 2023-03-03 至 2023-08-25 ; 目標值 (Target) : 5.6 ; 參考標準差 (SD) : 0.30

單位 : Lab044

Lab044

+3 S.D.

+2 S.D.

+1 S.D.

Target

-1 S.D.

-2 S.D.

-3 S.D.

Date

03-03 03-10 03-17 03-24 03-31 04-07 04-14 04-28 05-05 05-12 05-19 05-26 06-01 06-02 06-09 06-16 06-23 06-30 07-07 07-14 07-21 07-28 08-04 08-11 08-18 08-25

月統計 : 2023 ▾ 08 ▾ Change ; 累計期間 (CUM) : 自 2023 ▾ 03 ▾ 03 ▾ 至 2023 ▾ 08 ▾ 25 ▾ Change

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各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表一)

選擇 LotNo : AH1220N (2019-01-28 ~ 2100-12-31) Change

選擇 Reagent Kit : 3 - Innovation Change

[列印總表一](#)

月統計表

統計月份 : 2023 08 Change

| UnitID ↑ | Reagent Kit (Code) ↑ | Control N (Lot No.: AH1220N) | | | | | | | | Control D (Lot No.: AH1220D) | | | | | | | |
|------------------------|-----------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|----|------------------------------|--------------|------------|-----|--------|--------|---------|----|
| | | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab044 | 3 | 17.7 | 17.0 | 4 | 0.4 | 2.4 | 8.7 | 20 | >6 | 5.6 | 5.4 | 4 | 0.1 | 1.9 | 7.3 | 20 | >6 |
| Total | - | - | 17.0 | 4 | 0.4 | 2.4 | - | - | - | - | 5.4 | 4 | 0.1 | 1.9 | - | - | - |

誤差 (Bias)% = { [| 累計平均值 (Mean) - 目標值 (Target) |] / 目標值 (Target) } x 100%

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 × 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

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累計統計表

累計期間 : 自 2019 02 01 至 2023 08 31 Change

| UnitID ↑ | Reagent Kit (Code) ↑ | Control N (Lot No.: AH1220N) | | | | | | | | Control D (Lot No.: AH1220D) | | | | | | | |
|------------------------|-----------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab004 | 3 | 17.1 | 17.3 | 99 | 0.4 | 2.3 | 5.8 | 20 | >6 | 5.6 | 5.5 | 99 | 0.2 | 3.6 | 9.1 | 20 | 5.1 |
| Lab013 | 3 | 15.8 | 15.9 | 213 | 0.2 | 1.3 | 3.1 | 20 | >6 | 5.2 | 5.1 | 213 | 0.6 | 11.8 | 25.5 | 20 | 1.5 |
| Lab014 | 3 | 16.6 | 16.2 | 124 | 0.7 | 4.3 | 11.1 | 20 | 4.1 | 5.4 | 5.4 | 124 | 0.2 | 3.7 | 7.4 | 20 | 5.4 |
| Lab016 | 3 | 15.3 | 16.1 | 78 | 0.2 | 1.2 | 7.7 | 20 | >6 | 5.2 | 5.2 | 78 | 0.1 | 1.9 | 3.8 | 20 | >6 |
| Lab029 | 3 | 16.2 | 16.2 | 60 | 0.5 | 3.1 | 6.2 | 20 | >6 | 5.3 | 5.4 | 60 | 0.3 | 5.6 | 13.0 | 20 | 3.2 |
| Lab044 | 3 | 17.7 | 17.8 | 290 | 4.1 | 23.0 | 46.6 | 20 | 0.8 | 5.6 | 5.6 | 290 | 1.0 | 17.9 | 35.7 | 20 | 1.1 |
| Total | - | - | 16.8 | 864 | 2.5 | 14.9 | - | - | - | - | 5.4 | 864 | 0.7 | 13.0 | - | - | - |

誤差 (Bias)% = { [| 累計平均值 (Mean) - 目標值 (Target) |] / 目標值 (Target) } x 100%

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 × 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| Innovation | 3 |

各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表二)

選擇 LotNo : AH1220N (2019-01-28 ~ 2100-12-31) Change

選擇 Reagent Kit : 3 - Innovation Change

列印總表二

Control N 月統計與累計統計之比較表

| | | Control N (Lot No.: AH1220N) | | | | | | | | | | | | | | | |
|------------------------|----------------------|------------------------------|--------------|------------|-----|--------|--------|---------|----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Month (2023/08) | | | | | | | | CUM (2019/02/01~2023/08/31) | | | | | | | |
| UnitID ↑ | Reagent Kit (Code) ↑ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab004 | 3 | 17.1 | - | 0 | - | - | - | 20 | - | 17.1 | 17.3 | 99 | 0.4 | 2.3 | 5.8 | 20 | >6 |
| Lab013 | 3 | 15.8 | - | 0 | - | - | - | 20 | - | 15.8 | 15.9 | 213 | 0.2 | 1.3 | 3.1 | 20 | >6 |
| Lab014 | 3 | 16.6 | - | 0 | - | - | - | 20 | - | 16.6 | 16.2 | 124 | 0.7 | 4.3 | 11.1 | 20 | 4.1 |
| Lab016 | 3 | 15.3 | - | 0 | - | - | - | 20 | - | 15.3 | 16.1 | 78 | 0.2 | 1.2 | 7.7 | 20 | >6 |
| Lab029 | 3 | 16.2 | - | 0 | - | - | - | 20 | - | 16.2 | 16.2 | 60 | 0.5 | 3.1 | 6.2 | 20 | >6 |
| Lab044 | 3 | 17.7 | 17.0 | 4 | 0.4 | 2.4 | 8.7 | 20 | >6 | 17.7 | 17.8 | 290 | 4.1 | 23.0 | 46.6 | 20 | 0.8 |
| Total | - | - | 17.0 | 4 | 0.4 | 2.4 | - | - | - | - | 16.8 | 864 | 2.5 | 14.9 | - | - | - |

誤差 (Bias)% = { [| 累計平均值 (Mean) - 目標值 (Target) |] / 目標值 (Target) } x 100%

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 x 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

月統計 : 2023 ▾ 08 ▾ Change

累計期間 (CUM) : 自 2019 ▾ 02 ▾ 01 ▾ 至 2023 ▾ 08 ▾ 31 ▾ Change

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Control D 月統計與累計統計之比較表

| | | Control D (Lot No.: AH1220D) | | | | | | | | | | | | | | | |
|------------------------|----------------------|------------------------------|--------------|------------|-----|--------|--------|---------|----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Month (2023/08) | | | | | | | | CUM (2019/02/01~2023/08/31) | | | | | | | |
| UnitID ↑ | Reagent Kit (Code) ↑ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab004 | 3 | 5.6 | - | 0 | - | - | - | 20 | - | 5.6 | 5.5 | 99 | 0.2 | 3.6 | 9.1 | 20 | 5.1 |
| Lab013 | 3 | 5.2 | - | 0 | - | - | - | 20 | - | 5.2 | 5.1 | 213 | 0.6 | 11.8 | 25.5 | 20 | 1.5 |
| Lab014 | 3 | 5.4 | - | 0 | - | - | - | 20 | - | 5.4 | 5.4 | 124 | 0.2 | 3.7 | 7.4 | 20 | 5.4 |
| Lab016 | 3 | 5.2 | - | 0 | - | - | - | 20 | - | 5.2 | 5.2 | 78 | 0.1 | 1.9 | 3.8 | 20 | >6 |
| Lab029 | 3 | 5.3 | - | 0 | - | - | - | 20 | - | 5.3 | 5.4 | 60 | 0.3 | 5.6 | 13.0 | 20 | 3.2 |
| Lab044 | 3 | 5.6 | 5.4 | 4 | 0.1 | 1.9 | 7.3 | 20 | >6 | 5.6 | 5.6 | 290 | 1.0 | 17.9 | 35.7 | 20 | 1.1 |
| Total | - | - | 5.4 | 4 | 0.1 | 1.9 | - | - | - | - | 5.4 | 864 | 0.7 | 13.0 | - | - | - |

誤差 (Bias)% = { [| 累計平均值 (Mean) - 目標值 (Target) |] / 目標值 (Target) } x 100%

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 x 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

月統計 : 2023 ▾ 08 ▾ Change

累計期間 (CUM) : 自 2019 ▾ 02 ▾ 01 ▾ 至 2023 ▾ 08 ▾ 31 ▾ Change

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| Innovation | 3 |