

# G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : BJ0922N (2021-01-01 ~ 2100-12-31) Change

列印圖表

檢驗單位 : **Lab010**

| QC Control Lot No. | Control N       |                             | Control D       |                             |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
|                    | BJ0922N         |                             | BJ0922D         |                             |
| 檢驗期間               | Month (2023/01) | CUM (2022/01/06~2023/01/31) | Month (2023/01) | CUM (2022/01/06~2023/01/31) |
| 累計點數 (N)           | 2               | 26                          | 2               | 26                          |
| 累計平均值 (Mean) U/gHb | 16.5            | 16.1                        | 5.3             | 5.5                         |
| 累計標準差 (SD)         | -               | 0.6                         | -               | 0.2                         |
| 累計變異係數 (CV) %      | -               | 3.7                         | -               | 3.6                         |
| 目標值 (Target) U/gHb | 16.7            | 16.7                        | 5.8             | 5.8                         |
| 總誤差 (TE) %         | -               | 11.0                        | -               | 12.4                        |
| 可容許總誤差 (TEa) %     | 20              | 20                          | 20              | 20                          |
| $\sigma$           | -               | 4.4                         | -               | 4.1                         |

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

月統計 : 2023 01 Change ; 累計期間 (CUM) : 自 2022 01 06 至 2023 01 31 Change

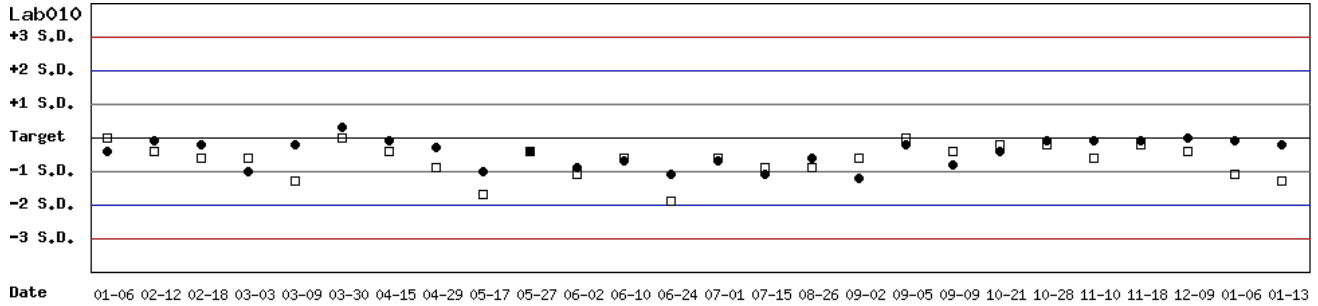
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## Control N 及 Control D SDI 分佈圖

Lot No.: BJ0922N; 檢驗期間 : 2022-01-06 至 2023-01-31; 目標值 (Target) : 16.7; 參考標準差 (SD) : 1.38 (●)

Lot No.: BJ0922D; 檢驗期間 : 2022-01-06 至 2023-01-31; 目標值 (Target) : 5.8; 參考標準差 (SD) : 0.47 (□)

單位 : Lab010



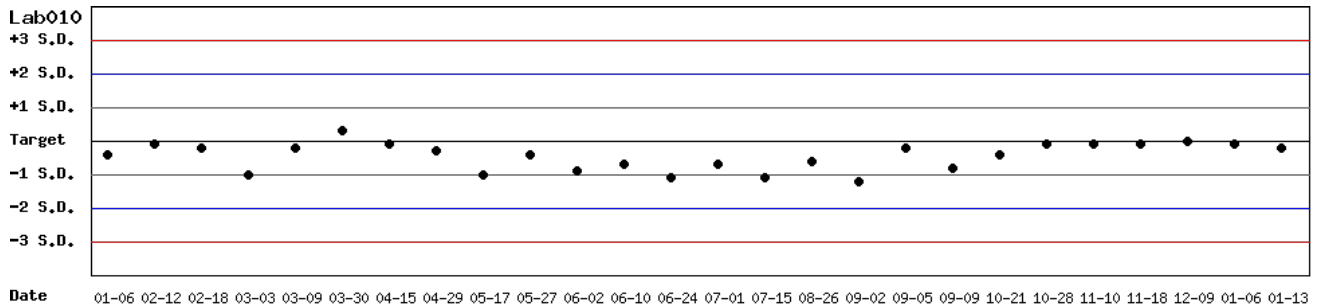
月統計 : 2023 01 Change ; 累計期間 (CUM) : 自 2022 01 06 至 2023 01 31 Change

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## Control N SDI 分佈圖

Lot No.: BJ0922N; 檢驗期間 : 2022-01-06 至 2023-01-31; 目標值 (Target) : 16.7; 參考標準差 (SD) : 1.38

單位 : Lab010



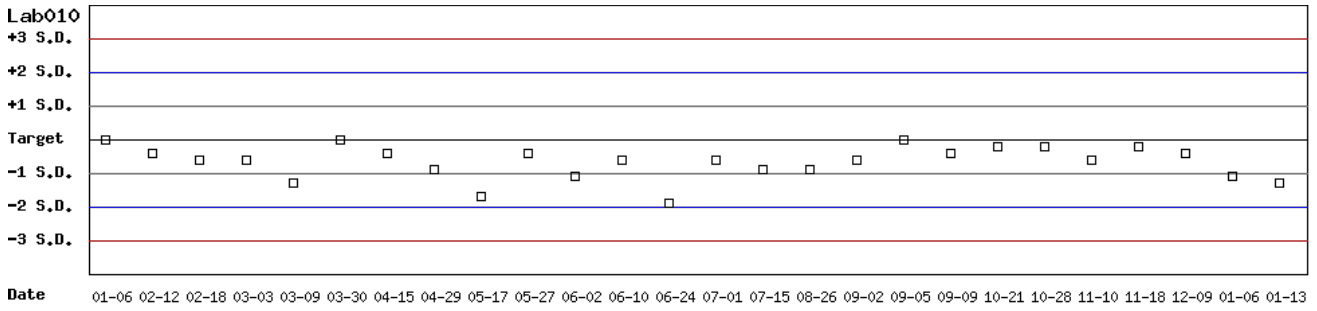
月統計 : 2023 01 Change ; 累計期間 (CUM) : 自 2022 01 06 至 2023 01 31 Change

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# Control D SDI 分佈圖

Lot No.: BJ0922D; 檢驗期間: 2022-01-06 至 2023-01-31; 目標值 (Target): 5.8; 參考標準差 (SD): 0.47

單位: Lab010



月統計:    ; 累計期間 (CUM): 自    至

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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 : BJ0922N (2021-01-01 ~ 2100-12-31) Change

選擇 Reagent Kit : 4 - Lanner Change

[列印總表一](#)

## 月統計表

統計月份 : 2023 01 Change

| UnitID                 | Reagent Kit (Code) | Control N (Lot No.: BJ0922N) |              |            |     |        |        |         |     | Control D (Lot No.: BJ0922D) |              |            |     |        |        |         |     |
|------------------------|--------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                    | 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   |
| <a href="#">Lab006</a> | 4                  | 15.6                         | 15.5         | 4          | 0.2 | 1.3    | 3.2    | 20      | >6  | 5.3                          | 5.0          | 4          | 0.2 | 4.0    | 13.7   | 20      | 3.6 |
| <a href="#">Lab008</a> | 4                  | 16.0                         | 14.3         | 8          | 1.1 | 7.7    | 26.0   | 20      | 1.2 | 5.6                          | 5.0          | 8          | 0.3 | 6.0    | 22.7   | 20      | 1.5 |
| <a href="#">Lab010</a> | 4                  | 16.7                         | 16.5         | 2          | -   | -      | -      | 20      | -   | 5.8                          | 5.3          | 2          | -   | -      | -      | 20      | -   |
| Total                  | -                  | -                            | 14.9         | 14         | 1.2 | 8.1    | -      | -       | -   | -                            | 5.0          | 14         | 0.3 | 6.0    | -      | -       | -   |

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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## 累計統計表

累計期間 : 自 2021 01 01 至 2023 01 31 Change

| UnitID                 | Reagent Kit (Code) | Control N (Lot No.: BJ0922N) |              |            |     |        |        |         |     | Control D (Lot No.: BJ0922D) |              |            |     |        |        |         |     |
|------------------------|--------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                    | 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   |
| <a href="#">Lab006</a> | 4                  | 15.6                         | 15.5         | 81         | 0.5 | 3.2    | 7.1    | 20      | >6  | 5.3                          | 5.3          | 81         | 0.2 | 3.8    | 7.5    | 20      | 5.3 |
| <a href="#">Lab007</a> | 4                  | 16.7                         | 16.9         | 154        | 1.1 | 6.5    | 14.2   | 20      | 2.9 | 5.3                          | 5.7          | 154        | 0.3 | 5.3    | 18.1   | 20      | 2.3 |
| <a href="#">Lab008</a> | 4                  | 16.0                         | 14.8         | 106        | 0.9 | 6.1    | 19.7   | 20      | 2.0 | 5.6                          | 5.0          | 106        | 0.3 | 6.0    | 22.7   | 20      | 1.5 |
| <a href="#">Lab009</a> | 4                  | 16.3                         | 15.6         | 96         | 0.8 | 5.1    | 14.6   | 20      | 3.1 | 5.9                          | 5.3          | 96         | 0.3 | 5.7    | 21.5   | 20      | 1.7 |
| <a href="#">Lab010</a> | 4                  | 16.7                         | 15.9         | 34         | 0.6 | 3.8    | 12.3   | 20      | 4.0 | 5.8                          | 5.5          | 34         | 0.2 | 3.6    | 12.4   | 20      | 4.1 |
| <a href="#">Lab011</a> | 4                  | 15.8                         | 16.2         | 56         | 0.8 | 4.9    | 12.4   | 20      | 3.6 | 5.2                          | 5.4          | 56         | 0.4 | 7.4    | 18.7   | 20      | 2.2 |
| <a href="#">Lab012</a> | 4                  | 15.7                         | 15.6         | 151        | 0.8 | 5.1    | 10.9   | 20      | 3.8 | 5.3                          | 5.4          | 151        | 0.3 | 5.6    | 13.0   | 20      | 3.2 |
| Total                  | -                  | -                            | 15.8         | 678        | 1.1 | 7.0    | -      | -       | -   | -                            | 5.4          | 678        | 0.4 | 7.4    | -      | -       | -   |

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 |
|-------------|--------------|
| Lanner      | 4            |

各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表二)

選擇 LotNo : BJ0922N (2021-01-01 ~ 2100-12-31) Change

選擇 Reagent Kit : 4 - Lanner Change

列印總表二

Control N 月統計與累計統計之比較表

| Control N (Lot No.: BJ0922N) |                      |                 |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|----------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                              |                      | Month (2023/01) |              |            |     |        |        |         |     | CUM (2021/01/01~2023/01/31) |              |            |     |        |        |         |     |
| 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   |
| <a href="#">Lab006</a>       | 4                    | 15.6            | 15.5         | 4          | 0.2 | 1.3    | 3.2    | 20      | >6  | 15.6                        | 15.5         | 81         | 0.5 | 3.2    | 7.1    | 20      | >6  |
| <a href="#">Lab007</a>       | 4                    | 16.7            | -            | 0          | -   | -      | -      | 20      | -   | 16.7                        | 16.9         | 154        | 1.1 | 6.5    | 14.2   | 20      | 2.9 |
| <a href="#">Lab008</a>       | 4                    | 16.0            | 14.3         | 8          | 1.1 | 7.7    | 26.0   | 20      | 1.2 | 16.0                        | 14.8         | 106        | 0.9 | 6.1    | 19.7   | 20      | 2.0 |
| <a href="#">Lab009</a>       | 4                    | 16.3            | -            | 0          | -   | -      | -      | 20      | -   | 16.3                        | 15.6         | 96         | 0.8 | 5.1    | 14.6   | 20      | 3.1 |
| <a href="#">Lab010</a>       | 4                    | 16.7            | 16.5         | 2          | -   | -      | -      | 20      | -   | 16.7                        | 15.9         | 34         | 0.6 | 3.8    | 12.3   | 20      | 4.0 |
| <a href="#">Lab011</a>       | 4                    | 15.8            | -            | 0          | -   | -      | -      | 20      | -   | 15.8                        | 16.2         | 56         | 0.8 | 4.9    | 12.4   | 20      | 3.6 |
| <a href="#">Lab012</a>       | 4                    | 15.7            | -            | 0          | -   | -      | -      | 20      | -   | 15.7                        | 15.6         | 151        | 0.8 | 5.1    | 10.9   | 20      | 3.8 |
| Total                        | -                    | -               | 14.9         | 14         | 1.2 | 8.1    | -      | -       | -   | -                           | 15.8         | 678        | 1.1 | 7.0    | -      | -       | -   |

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 01 Change 累計期間 (CUM) : 自 2021 01 01 至 2023 01 31 Change

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Control D 月統計與累計統計之比較表

| Control D (Lot No.: BJ0922D) |                      |                 |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|----------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                              |                      | Month (2023/01) |              |            |     |        |        |         |     | CUM (2021/01/01~2023/01/31) |              |            |     |        |        |         |     |
| 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   |
| <a href="#">Lab006</a>       | 4                    | 5.3             | 5.0          | 4          | 0.2 | 4.0    | 13.7   | 20      | 3.6 | 5.3                         | 5.3          | 81         | 0.2 | 3.8    | 7.5    | 20      | 5.3 |
| <a href="#">Lab007</a>       | 4                    | 5.3             | -            | 0          | -   | -      | -      | 20      | -   | 5.3                         | 5.7          | 154        | 0.3 | 5.3    | 18.1   | 20      | 2.3 |
| <a href="#">Lab008</a>       | 4                    | 5.6             | 5.0          | 8          | 0.3 | 6.0    | 22.7   | 20      | 1.5 | 5.6                         | 5.0          | 106        | 0.3 | 6.0    | 22.7   | 20      | 1.5 |
| <a href="#">Lab009</a>       | 4                    | 5.9             | -            | 0          | -   | -      | -      | 20      | -   | 5.9                         | 5.3          | 96         | 0.3 | 5.7    | 21.5   | 20      | 1.7 |
| <a href="#">Lab010</a>       | 4                    | 5.8             | 5.3          | 2          | -   | -      | -      | 20      | -   | 5.8                         | 5.5          | 34         | 0.2 | 3.6    | 12.4   | 20      | 4.1 |
| <a href="#">Lab011</a>       | 4                    | 5.2             | -            | 0          | -   | -      | -      | 20      | -   | 5.2                         | 5.4          | 56         | 0.4 | 7.4    | 18.7   | 20      | 2.2 |
| <a href="#">Lab012</a>       | 4                    | 5.3             | -            | 0          | -   | -      | -      | 20      | -   | 5.3                         | 5.4          | 151        | 0.3 | 5.6    | 13.0   | 20      | 3.2 |
| Total                        | -                    | -               | 5.0          | 14         | 0.3 | 6.0    | -      | -       | -   | -                           | 5.4          | 678        | 0.4 | 7.4    | -      | -       | -   |

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 01 Change 累計期間 (CUM) : 自 2021 01 01 至 2023 01 31 Change

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| Lanner      | 4            |