

# 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 : **Lab004**

| QC Control Lot No. | Control N       |                             | Control D       |                             |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
|                    | BJ0922N         |                             | BJ0922D         |                             |
| 檢驗期間               | Month (2023/01) | CUM (2022/07/27~2023/01/31) | Month (2023/01) | CUM (2022/07/27~2023/01/31) |
| 累計點數 (N)           | 3               | 26                          | 3               | 26                          |
| 累計平均值 (Mean) U/gHb | 16.1            | 16.0                        | 5.2             | 5.1                         |
| 累計標準差 (SD)         | 0.2             | 0.2                         | 0.1             | 0.1                         |
| 累計變異係數 (CV) %      | 1.2             | 1.3                         | 1.9             | 2.0                         |
| 目標值 (Target) U/gHb | 16.2            | 16.2                        | 5.2             | 5.2                         |
| 總誤差 (TE) %         | 3.1             | 3.7                         | 3.8             | 5.8                         |
| 可容許總誤差 (TEa) %     | 20              | 20                          | 20              | 20                          |
| $\sigma$           | >6              | >6                          | >6              | >6                          |

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 07 27 至 2023 01 31 Change

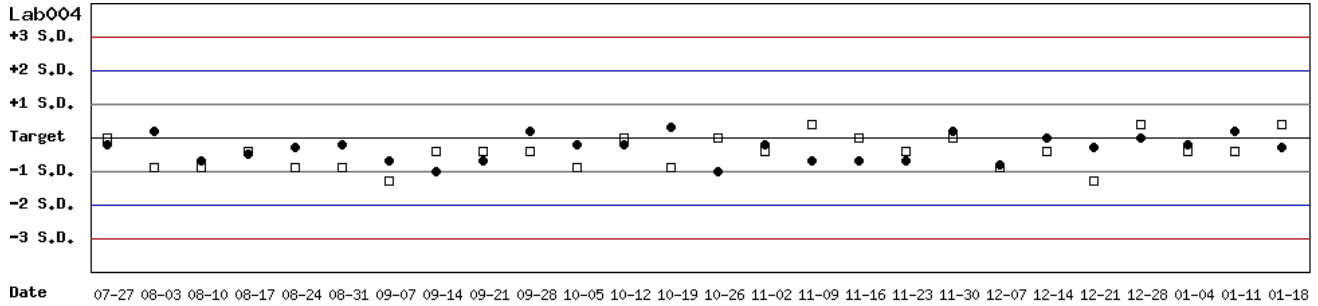
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## Control N 及 Control D SDI 分佈圖

Lot No.: BJ0922N; 檢驗期間 : 2022-07-27 至 2023-01-31; 目標值 (Target) : 16.2; 參考標準差 (SD) : 0.60 (●)

Lot No.: BJ0922D; 檢驗期間 : 2022-07-27 至 2023-01-31; 目標值 (Target) : 5.2; 參考標準差 (SD) : 0.23 (□)

單位 : Lab004



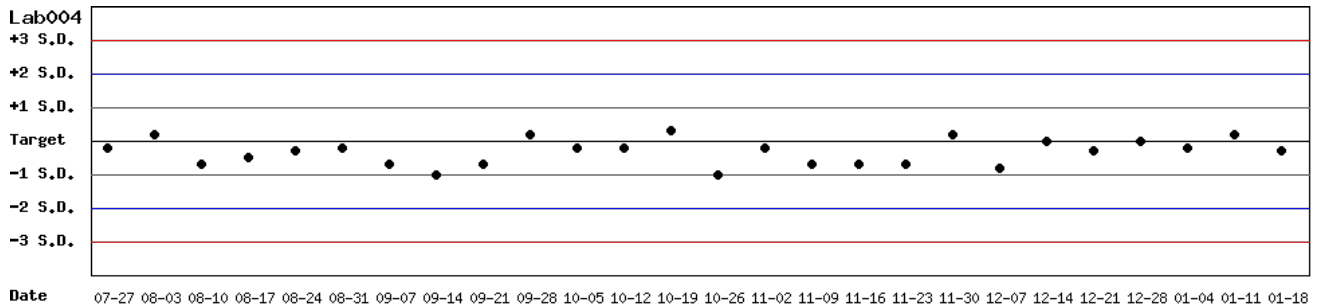
月統計 : 2023 01 Change ; 累計期間 (CUM) : 自 2022 07 27 至 2023 01 31 Change

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## Control N SDI 分佈圖

Lot No.: BJ0922N; 檢驗期間 : 2022-07-27 至 2023-01-31; 目標值 (Target) : 16.2; 參考標準差 (SD) : 0.60

單位 : Lab004



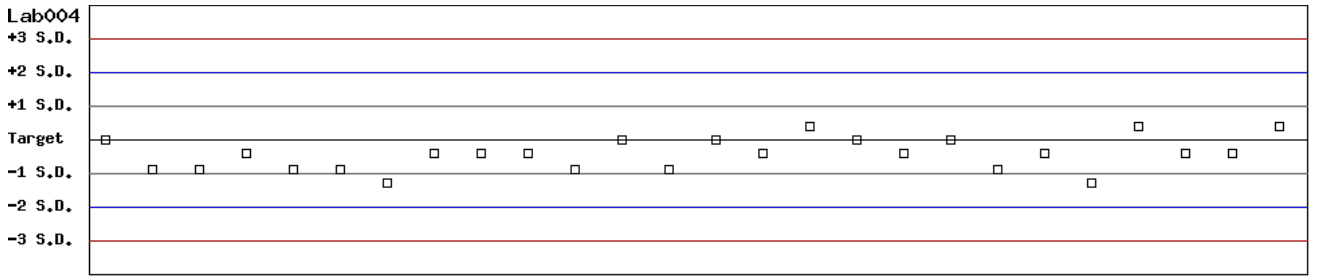
月統計 : 2023 01 Change ; 累計期間 (CUM) : 自 2022 07 27 至 2023 01 31 Change

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# Control D SDI 分佈圖

Lot No.: BJ0922D; 檢驗期間: 2022-07-27 至 2023-01-31; 目標值 (Target): 5.2; 參考標準差 (SD): 0.23

單位: Lab004



Date: 07-27 08-03 08-10 08-17 08-24 08-31 09-07 09-14 09-21 09-28 10-05 10-12 10-19 10-26 11-02 11-09 11-16 11-23 11-30 12-07 12-14 12-21 12-28 01-04 01-11 01-18

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 :

選擇 Reagent Kit :

[列印總表一](#)

## 月統計表

統計月份 :

|                        |                      | Control N (Lot No.: BJ0922N) |              |            |     |        |        |         |     | Control D (Lot No.: BJ0922D) |              |            |     |        |        |         |     |
|------------------------|----------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| 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="#">Lab004</a> | 3                    | 16.2                         | 16.1         | 3          | 0.2 | 1.2    | 3.1    | 20      | >6  | 5.2                          | 5.2          | 3          | 0.1 | 1.9    | 3.8    | 20      | >6  |
| <a href="#">Lab009</a> | 3                    | 16.3                         | 14.6         | 4          | 0.5 | 3.4    | 17.3   | 20      | 2.8 | 5.9                          | 5.9          | 4          | 0.2 | 3.4    | 6.8    | 20      | 5.9 |
| <a href="#">Lab029</a> | 3                    | 15.6                         | 14.1         | 4          | 0.4 | 2.8    | 15.3   | 20      | 3.7 | 5.4                          | 5.5          | 4          | 0.2 | 3.6    | 9.1    | 20      | 5.0 |
| <a href="#">Lab051</a> | 3                    | 15.3                         | 14.5         | 5          | 0.3 | 2.1    | 9.4    | 20      | >6  | 5.4                          | 5.5          | 5          | 0.1 | 1.8    | 5.5    | 20      | >6  |
| Total                  | -                    | -                            | 14.7         | 16         | 0.8 | 5.4    | -      | -       | -   | -                            | 5.5          | 16         | 0.3 | 5.5    | -      | -       | -   |

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    至

|                        |                      | Control N (Lot No.: BJ0922N) |              |            |     |        |        |         |     | Control D (Lot No.: BJ0922D) |              |            |     |        |        |         |     |
|------------------------|----------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| 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="#">Lab004</a> | 3                    | 16.2                         | 16.2         | 94         | 0.4 | 2.5    | 4.9    | 20      | >6  | 5.2                          | 5.2          | 94         | 0.2 | 3.8    | 7.7    | 20      | 5.3 |
| <a href="#">Lab009</a> | 3                    | 16.3                         | 14.9         | 9          | 0.5 | 3.4    | 15.3   | 20      | 3.4 | 5.9                          | 5.9          | 9          | 0.3 | 5.1    | 10.2   | 20      | 3.9 |
| <a href="#">Lab013</a> | 3                    | 17.1                         | 16.9         | 106        | 0.2 | 1.2    | 3.5    | 20      | >6  | 5.6                          | 5.6          | 106        | 0.2 | 3.6    | 7.1    | 20      | 5.6 |
| <a href="#">Lab014</a> | 3                    | 16.2                         | 15.4         | 113        | 0.9 | 5.8    | 16.6   | 20      | 2.6 | 5.3                          | 5.5          | 113        | 0.2 | 3.6    | 11.0   | 20      | 4.5 |
| <a href="#">Lab016</a> | 3                    | 13.8                         | 14.7         | 72         | 0.4 | 2.7    | 12.0   | 20      | 5.0 | 4.7                          | 4.7          | 72         | 0.2 | 4.3    | 8.5    | 20      | 4.7 |
| <a href="#">Lab029</a> | 3                    | 15.6                         | 14.0         | 34         | 0.3 | 2.1    | 14.5   | 20      | 4.6 | 5.4                          | 5.5          | 34         | 0.2 | 3.6    | 9.1    | 20      | 5.0 |
| <a href="#">Lab048</a> | 3                    | 15.5                         | 15.4         | 21         | 0.4 | 2.6    | 5.8    | 20      | >6  | 5.0                          | 5.1          | 21         | 0.2 | 3.9    | 9.8    | 20      | 4.6 |
| <a href="#">Lab051</a> | 3                    | 15.3                         | 14.6         | 62         | 0.3 | 2.1    | 8.7    | 20      | >6  | 5.4                          | 5.6          | 62         | 0.2 | 3.6    | 10.8   | 20      | 4.5 |
| Total                  | -                    | -                            | 15.6         | 511        | 1.1 | 7.1    | -      | -       | -   | -                            | 5.4          | 511        | 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 |
|-------------|--------------|
| 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 : BJ0922N (2021-01-01 ~ 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.: BJ0922N) |                                   |                 |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|-----------------------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                              |                                   | Month (2023/01) |              |            |     |        |        |         |     | CUM (2021/01/01~2023/01/31) |              |            |     |        |        |         |     |
| UnitID <span>↑</span>        | Reagent Kit (Code) <span>↑</span> | 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="#">Lab004</a>       | 3                                 | 16.2            | 16.1         | 3          | 0.2 | 1.2    | 3.1    | 20      | >6  | 16.2                        | 16.2         | 94         | 0.4 | 2.5    | 4.9    | 20      | >6  |
| <a href="#">Lab009</a>       | 3                                 | 16.3            | 14.6         | 4          | 0.5 | 3.4    | 17.3   | 20      | 2.8 | 16.3                        | 14.9         | 9          | 0.5 | 3.4    | 15.3   | 20      | 3.4 |
| <a href="#">Lab013</a>       | 3                                 | 17.1            | -            | 0          | -   | -      | -      | 20      | -   | 17.1                        | 16.9         | 106        | 0.2 | 1.2    | 3.5    | 20      | >6  |
| <a href="#">Lab014</a>       | 3                                 | 16.2            | -            | 0          | -   | -      | -      | 20      | -   | 16.2                        | 15.4         | 113        | 0.9 | 5.8    | 16.6   | 20      | 2.6 |
| <a href="#">Lab016</a>       | 3                                 | 13.8            | -            | 0          | -   | -      | -      | 20      | -   | 13.8                        | 14.7         | 72         | 0.4 | 2.7    | 12.0   | 20      | 5.0 |
| <a href="#">Lab029</a>       | 3                                 | 15.6            | 14.1         | 4          | 0.4 | 2.8    | 15.3   | 20      | 3.7 | 15.6                        | 14.0         | 34         | 0.3 | 2.1    | 14.5   | 20      | 4.6 |
| <a href="#">Lab048</a>       | 3                                 | 15.5            | -            | 0          | -   | -      | -      | 20      | -   | 15.5                        | 15.4         | 21         | 0.4 | 2.6    | 5.8    | 20      | >6  |
| <a href="#">Lab051</a>       | 3                                 | 15.3            | 14.5         | 5          | 0.3 | 2.1    | 9.4    | 20      | >6  | 15.3                        | 14.6         | 62         | 0.3 | 2.1    | 8.7    | 20      | >6  |
| Total                        | -                                 | -               | 14.7         | 16         | 0.8 | 5.4    | -      | -       | -   | -                           | 15.6         | 511        | 1.1 | 7.1    | -      | -       | -   |

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 <span>↑</span>        | Reagent Kit (Code) <span>↑</span> | 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="#">Lab004</a>       | 3                                 | 5.2             | 5.2          | 3          | 0.1 | 1.9    | 3.8    | 20      | >6  | 5.2                         | 5.2          | 94         | 0.2 | 3.8    | 7.7    | 20      | 5.3 |
| <a href="#">Lab009</a>       | 3                                 | 5.9             | 5.9          | 4          | 0.2 | 3.4    | 6.8    | 20      | 5.9 | 5.9                         | 5.9          | 9          | 0.3 | 5.1    | 10.2   | 20      | 3.9 |
| <a href="#">Lab013</a>       | 3                                 | 5.6             | -            | 0          | -   | -      | -      | 20      | -   | 5.6                         | 5.6          | 106        | 0.2 | 3.6    | 7.1    | 20      | 5.6 |
| <a href="#">Lab014</a>       | 3                                 | 5.3             | -            | 0          | -   | -      | -      | 20      | -   | 5.3                         | 5.5          | 113        | 0.2 | 3.6    | 11.0   | 20      | 4.5 |
| <a href="#">Lab016</a>       | 3                                 | 4.7             | -            | 0          | -   | -      | -      | 20      | -   | 4.7                         | 4.7          | 72         | 0.2 | 4.3    | 8.5    | 20      | 4.7 |
| <a href="#">Lab029</a>       | 3                                 | 5.4             | 5.5          | 4          | 0.2 | 3.6    | 9.1    | 20      | 5.0 | 5.4                         | 5.5          | 34         | 0.2 | 3.6    | 9.1    | 20      | 5.0 |
| <a href="#">Lab048</a>       | 3                                 | 5.0             | -            | 0          | -   | -      | -      | 20      | -   | 5.0                         | 5.1          | 21         | 0.2 | 3.9    | 9.8    | 20      | 4.6 |
| <a href="#">Lab051</a>       | 3                                 | 5.4             | 5.5          | 5          | 0.1 | 1.8    | 5.5    | 20      | >6  | 5.4                         | 5.6          | 62         | 0.2 | 3.6    | 10.8   | 20      | 4.5 |
| Total                        | -                                 | -               | 5.5          | 16         | 0.3 | 5.5    | -      | -       | -   | -                           | 5.4          | 511        | 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 |
|-------------|--------------|
| Innovation  | 3            |