

# G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : BA1116N (2022-04-26 ~ 2100-12-31) Change

[列印圖表](#)

檢驗單位 : **Lab010**

| QC Control Lot No. | Control N       |                             | Control D       |                             |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
|                    | BA1116N         |                             | BA1116D         |                             |
| 檢驗期間               | Month (2023/08) | CUM (2023/02/10~2023/08/31) | Month (2023/08) | CUM (2023/02/10~2023/08/31) |
| 累計點數 (N)           | 2               | 15                          | 2               | 15                          |
| 累計平均值 (Mean) U/gHb | 15.0            | 14.8                        | 4.6             | 4.1                         |
| 累計標準差 (SD)         | -               | 0.3                         | -               | 0.5                         |
| 累計變異係數 (CV) %      | -               | 2.0                         | -               | 12.2                        |
| 目標值 (Target) U/gHb | 14.9            | 14.9                        | 3.9             | 3.9                         |
| 總誤差 (TE) %         | -               | 4.7                         | -               | 29.5                        |
| 可容許總誤差 (TEa) %     | 20              | 20                          | 20              | 20                          |
| $\sigma$           | -               | >6                          | -               | 1.2                         |

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)% +  $2 \times$  累計變異係數 (CV)  
 $\sigma$  (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 02 10 至 2023 08 31 Change

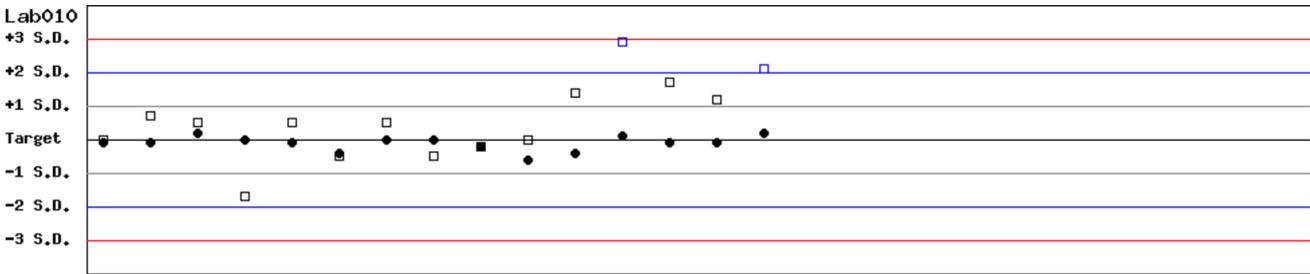
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## Control N 及 Control D SDI 分佈圖

Lot No.: BA1116N; 檢驗期間: 2023-02-10 至 2023-08-31; 目標值 (Target): 14.9; 參考標準差 (SD): 1.28 (●)

Lot No.: BA1116D; 檢驗期間: 2023-02-10 至 2023-08-31; 目標值 (Target): 3.9; 參考標準差 (SD): 0.42 (□)

單位: Lab010



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

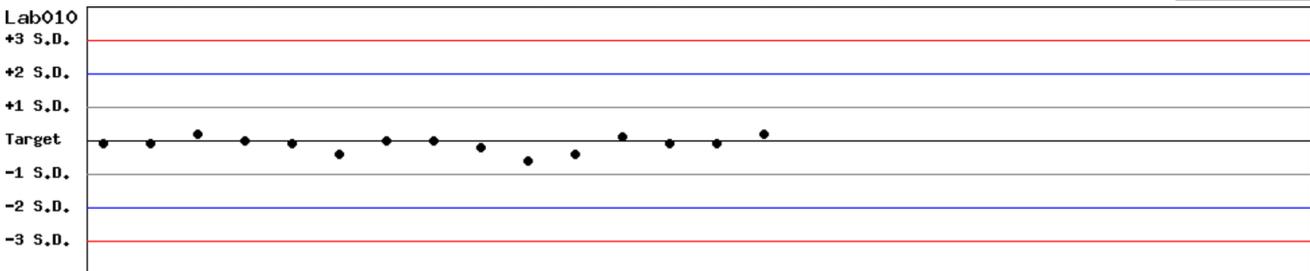
月統計 : 2023 08 Change ; 累計期間 (CUM) : 自 2023 02 10 至 2023 08 31 Change

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## Control N SDI 分佈圖

Lot No.: BA1116N; 檢驗期間: 2023-02-10 至 2023-08-31; 目標值 (Target): 14.9; 參考標準差 (SD): 1.28

單位: Lab010



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

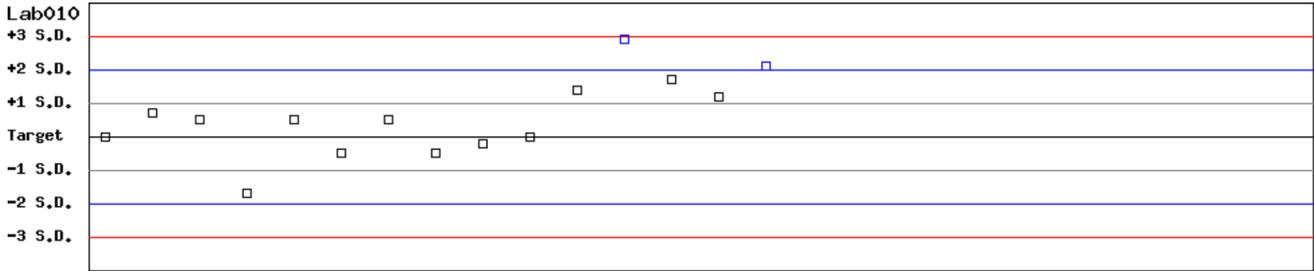
月統計 : 2023 08 Change ; 累計期間 (CUM) : 自 2023 02 10 至 2023 08 31 Change

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# Control D SDI 分佈圖

Lot No.: BA1116D ; 檢驗期間 : 2023-02-10 至 2023-08-31 ; 目標值 (Target) : 3.9 ; 參考標準差 (SD) : 0.42

單位 : Lab010



Date 02-10 02-17 02-24 03-03 03-10 03-17 03-24 04-01 04-08 04-15 04-22 04-29 05-06 05-13 05-20 05-27 06-03 06-10 06-17 06-24 07-01 07-08 07-15 07-22 07-29 08-05 08-12 08-19

月統計 : 2023 08 Change ; 累計期間 (CUM) : 自 2023 02 10 至 2023 08 31 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 : BA1116N (2022-04-26 ~ 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 08 Change

| UnitID <sup>↑</sup>    | Reagent Kit (Code) <sup>↑</sup> | Control N (Lot No.: BA1116N) |              |            |     |        |        |         |     | Control D (Lot No.: BA1116D) |              |            |     |        |        |         |     |
|------------------------|---------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                                 | 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="#">Lab007</a> | 4                               | 15.1                         | 15.2         | 10         | 0.8 | 5.3    | 11.2   | 20      | 3.6 | 4.8                          | 5.0          | 10         | 0.4 | 8.0    | 20.2   | 20      | 2.0 |
| <a href="#">Lab010</a> | 4                               | 14.9                         | 15.0         | 2          | -   | -      | -      | 20      | -   | 3.9                          | 4.6          | 2          | -   | -      | -      | 20      | -   |
| <a href="#">Lab012</a> | 4                               | 15.3                         | 15.6         | 8          | 0.3 | 1.9    | 5.8    | 20      | >6  | 5.5                          | 5.5          | 8          | 0.1 | 1.8    | 3.6    | 20      | >6  |
| Total                  | -                               | -                            | 15.4         | 20         | 0.7 | 4.5    | -      | -       | -   | -                            | 5.1          | 20         | 0.4 | 7.8    | -      | -       | -   |

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)

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## 累計統計表

累計期間 : 自 2022 06 01 至 2023 08 31 Change

| UnitID <sup>↑</sup>    | Reagent Kit (Code) <sup>↑</sup> | Control N (Lot No.: BA1116N) |              |            |     |        |        |         |     | Control D (Lot No.: BA1116D) |              |            |     |        |        |         |     |
|------------------------|---------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                                 | 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="#">Lab007</a> | 4                               | 15.1                         | 15.5         | 82         | 1.0 | 6.5    | 15.6   | 20      | 2.7 | 4.8                          | 5.0          | 82         | 0.4 | 8.0    | 20.2   | 20      | 2.0 |
| <a href="#">Lab010</a> | 4                               | 14.9                         | 14.8         | 15         | 0.3 | 2.0    | 4.7    | 20      | >6  | 3.9                          | 4.1          | 15         | 0.5 | 12.2   | 29.5   | 20      | 1.2 |
| <a href="#">Lab011</a> | 4                               | 14.1                         | 14.6         | 21         | 0.3 | 2.1    | 7.7    | 20      | >6  | 4.5                          | 3.9          | 21         | 0.2 | 5.1    | 23.6   | 20      | 1.3 |
| <a href="#">Lab012</a> | 4                               | 15.3                         | 14.9         | 65         | 0.5 | 3.4    | 9.3    | 20      | 5.1 | 5.5                          | 5.0          | 65         | 0.4 | 8.0    | 25.1   | 20      | 1.4 |
| Total                  | -                               | -                            | 15.1         | 183        | 0.8 | 5.3    | -      | -       | -   | -                            | 4.8          | 183        | 0.6 | 12.5   | -      | -       | -   |

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 x 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 : BA1116N (2022-04-26 ~ 2100-12-31) Change

選擇 Reagent Kit : 4 - Lanner Change

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## Control N 月統計與累計統計之比較表

| Control N (Lot No.: BA1116N) |                                   |                |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|-----------------------------------|----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| Month (2023/08)              |                                   |                |              |            |     |        |        |         |     | CUM (2022/06/01~2023/08/31) |              |            |     |        |        |         |     |
| 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="#">Lab007</a>       | 4                                 | 15.1           | 15.2         | 10         | 0.8 | 5.3    | 11.2   | 20      | 3.6 | 15.1                        | 15.5         | 82         | 1.0 | 6.5    | 15.6   | 20      | 2.7 |
| <a href="#">Lab010</a>       | 4                                 | 14.9           | 15.0         | 2          | -   | -      | -      | 20      | -   | 14.9                        | 14.8         | 15         | 0.3 | 2.0    | 4.7    | 20      | >6  |
| <a href="#">Lab011</a>       | 4                                 | 14.1           | -            | 0          | -   | -      | -      | 20      | -   | 14.1                        | 14.6         | 21         | 0.3 | 2.1    | 7.7    | 20      | >6  |
| <a href="#">Lab012</a>       | 4                                 | 15.3           | 15.6         | 8          | 0.3 | 1.9    | 5.8    | 20      | >6  | 15.3                        | 14.9         | 65         | 0.5 | 3.4    | 9.3    | 20      | 5.1 |
| Total                        | -                                 | -              | 15.4         | 20         | 0.7 | 4.5    | -      | -       | -   | -                           | 15.1         | 183        | 0.8 | 5.3    | -      | -       | -   |

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 2022 ▼ 06 ▼ 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.: BA1116D) |                                   |                |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|-----------------------------------|----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| Month (2023/08)              |                                   |                |              |            |     |        |        |         |     | CUM (2022/06/01~2023/08/31) |              |            |     |        |        |         |     |
| 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="#">Lab007</a>       | 4                                 | 4.8            | 5.0          | 10         | 0.4 | 8.0    | 20.2   | 20      | 2.0 | 4.8                         | 5.0          | 82         | 0.4 | 8.0    | 20.2   | 20      | 2.0 |
| <a href="#">Lab010</a>       | 4                                 | 3.9            | 4.6          | 2          | -   | -      | -      | 20      | -   | 3.9                         | 4.1          | 15         | 0.5 | 12.2   | 29.5   | 20      | 1.2 |
| <a href="#">Lab011</a>       | 4                                 | 4.5            | -            | 0          | -   | -      | -      | 20      | -   | 4.5                         | 3.9          | 21         | 0.2 | 5.1    | 23.6   | 20      | 1.3 |
| <a href="#">Lab012</a>       | 4                                 | 5.5            | 5.5          | 8          | 0.1 | 1.8    | 3.6    | 20      | >6  | 5.5                         | 5.0          | 65         | 0.4 | 8.0    | 25.1   | 20      | 1.4 |
| Total                        | -                                 | -              | 5.1          | 20         | 0.4 | 7.8    | -      | -       | -   | -                           | 4.8          | 183        | 0.6 | 12.5   | -      | -       | -   |

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 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 2022 ▼ 06 ▼ 01 ▼ 至 2023 ▼ 08 ▼ 31 ▼ Change

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