

G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo：BD0728N (2024-08-20 ~ 2100-12-31) Change

列印圖表

檢驗單位：Lab004

| QC Control Lot No. | Control N          |                                | Control D          |                                |
|--------------------|--------------------|--------------------------------|--------------------|--------------------------------|
|                    | BD0728N            |                                | BD0728D            |                                |
| 檢驗期間               | Month<br>(2025/05) | CUM<br>(2025/03/05~2025/05/30) | Month<br>(2025/05) | CUM<br>(2025/03/05~2025/05/30) |
| 累計點數 (N)           | 8                  | 26                             | 8                  | 26                             |
| 累計平均值 (Mean) U/gHb | 16.0               | 16.2                           | 4.5                | 4.6                            |
| 累計標準差 (SD)         | 0.4                | 0.5                            | 0.1                | 0.2                            |
| 累計變異係數 (CV) %      | 2.5                | 3.1                            | 2.2                | 4.3                            |
| 目標值 (Target) U/gHb | 16.4               | 16.4                           | 4.6                | 4.6                            |
| 總誤差 (TE) %         | 7.4                | 7.4                            | 6.6                | 8.7                            |
| 可容許總誤差 (TEa) %     | 20                 | 20                             | 20                 | 20                             |
| σ                  | >6                 | >6                             | >6                 | 4.7                            |

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：2025 05 Change ； 累計期間 (CUM)：自 2025 03 05 至 2025 05 30 Change

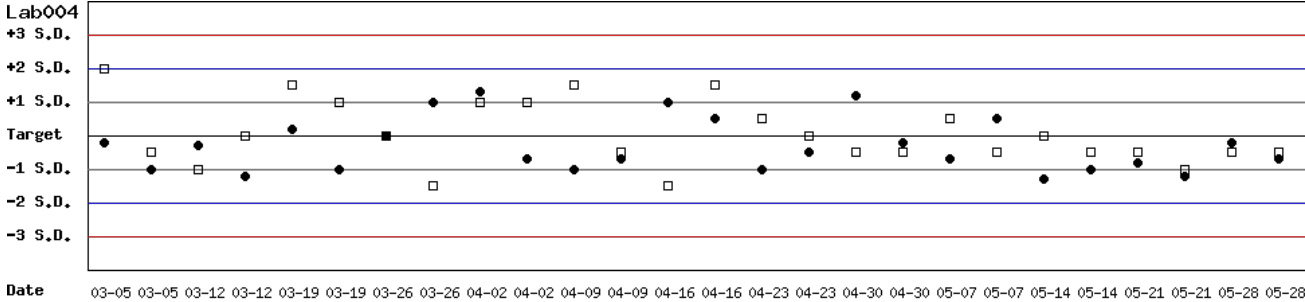
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Control N 及 Control D SDI  
分佈圖

Lot No.: BD0728N; 檢驗期間：2025-03-05 至 2025-05-30; 目標值 (Target) : 16.4 ; 參考標準差 (SD) : 0.60 (●)

Lot No.: BD0728D; 檢驗期間：2025-03-05 至 2025-05-30; 目標值 (Target) : 4.6 ; 參考標準差 (SD) : 0.20 (□)

單位：Lab004



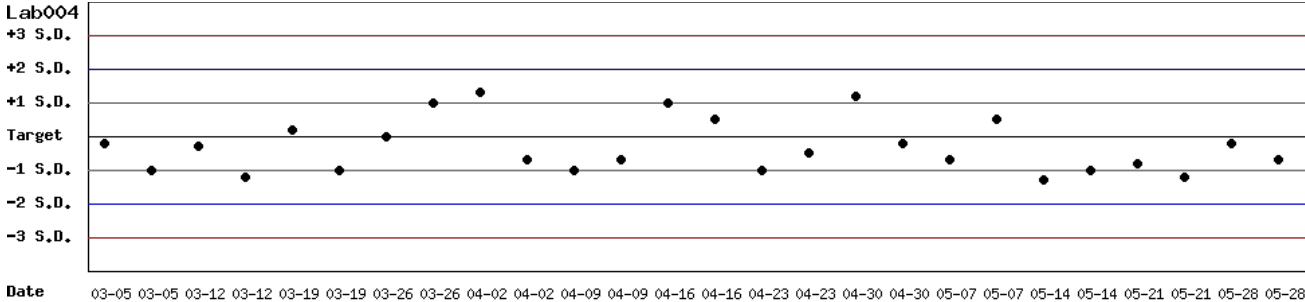
月統計：2025 05 Change ； 累計期間 (CUM)：自 2025 03 05 至 2025 05 30 Change

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Control N SDI 分佈圖

Lot No.: BD0728N; 檢驗期間：2025-03-05 至 2025-05-30; 目標值 (Target) : 16.4 ; 參考標準差 (SD) : 0.60

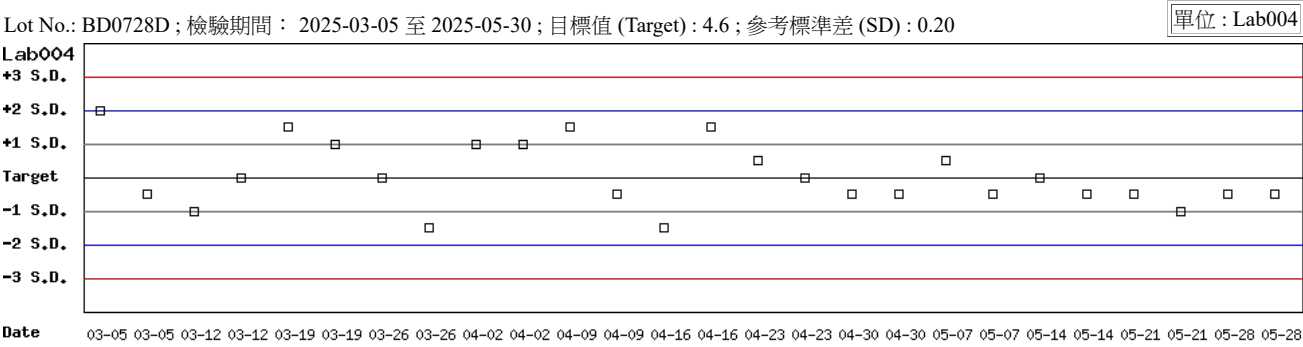
單位：Lab004



月統計：2025 05 Change ； 累計期間 (CUM)：自 2025 03 05 至 2025 05 30 Change

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Control D SDI 分佈圖



月統計 : 2025 05 Change ; 累計期間 (CUM) : 自 2025 03 05 至 2025 05 30 Change

各檢驗單位 **G6PD** 定量檢驗 內部品管統計結果（總表一）

選擇 LotNo：BD0728N (2024-08-20 ~ 2100-12-31) Change

選擇 Reagent Kit：3 - Innovation Change

列印總表一

月統計表

統計月份：2025 05 Change

|                                                                                          |                                                                                                         | Control N (Lot No.: BD0728N) |                 |               |     |           |           |            |    |  |                   | Control D (Lot No.: BD0728D) |               |     |           |           |            |     |  |  |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------|-----------------|---------------|-----|-----------|-----------|------------|----|--|-------------------|------------------------------|---------------|-----|-----------|-----------|------------|-----|--|--|
| UnitID  | Reagent Kit<br>(Code)  | Target<br>(U/gHb)            | Mean<br>(U/gHb) | n for<br>Mean | SD  | CV<br>(%) | TE<br>(%) | TEa<br>(%) | σ  |  | Target<br>(U/gHb) | Mean<br>(U/gHb)              | n for<br>Mean | SD  | CV<br>(%) | TE<br>(%) | TEa<br>(%) | σ   |  |  |
| <a href="#">Lab003</a>                                                                   | 3                                                                                                       | 14.1                         | 13.9            | 21            | 0.4 | 2.9       | 7.2       | 20         | >6 |  | 4.1               | 4.2                          | 21            | 0.1 | 2.4       | 7.2       | 20         | >6  |  |  |
| <a href="#">Lab004</a>                                                                   | 3                                                                                                       | 16.4                         | 16.0            | 8             | 0.4 | 2.5       | 7.4       | 20         | >6 |  | 4.6               | 4.5                          | 8             | 0.1 | 2.2       | 6.6       | 20         | >6  |  |  |
| <a href="#">Lab011</a>                                                                   | 3                                                                                                       | 15.2                         | 15.1            | 3             | 0.2 | 1.3       | 3.3       | 20         | >6 |  | 5.4               | 5.7                          | 3             | 0.4 | 7.0       | 19.6      | 20         | 2.1 |  |  |
| <a href="#">Lab016</a>                                                                   | 3                                                                                                       | 14.1                         | 13.7            | 5             | 0.2 | 1.5       | 5.8       | 20         | >6 |  | 4.1               | 4.3                          | 5             | 0.1 | 2.3       | 9.5       | 20         | >6  |  |  |
| <a href="#">Lab029</a>                                                                   | 3                                                                                                       | 14.6                         | 14.9            | 4             | 0.4 | 2.7       | 7.4       | 20         | >6 |  | 4.5               | 4.5                          | 4             | 0.2 | 4.4       | 8.9       | 20         | 4.5 |  |  |
| Total                                                                                    | -                                                                                                       | -                            | 14.5            | 41            | 0.9 | 6.2       | -         | -          | -  |  | -                 | 4.4                          | 41            | 0.4 | 9.1       | -         | -          | -   |  |  |

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)

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累計統計表

累計期間：自 2024 09 01 至 2025 05 31 Change

|                                                                                            |                                                                                                           | Control N (Lot No.: BD0728N) |                     |               |     |           |           |            |     |  | Control D (Lot No.: BD0728D) |                     |               |     |           |           |            |     |  |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------|---------------------|---------------|-----|-----------|-----------|------------|-----|--|------------------------------|---------------------|---------------|-----|-----------|-----------|------------|-----|--|
| UnitID  | Reagent Kit<br>(Code)  | Target<br>(U/<br>gHb)        | Mean<br>(U/<br>gHb) | n for<br>Mean | SD  | CV<br>(%) | TE<br>(%) | TEa<br>(%) | σ   |  | Target<br>(U/<br>gHb)        | Mean<br>(U/<br>gHb) | n for<br>Mean | SD  | CV<br>(%) | TE<br>(%) | TEa<br>(%) | σ   |  |
| <a href="#">Lab003</a>                                                                     | 3                                                                                                         | 14.1                         | 14.0                | 112           | 0.5 | 3.6       | 7.9       | 20         | 5.4 |  | 4.1                          | 4.3                 | 112           | 0.7 | 16.3      | 37.4      | 20         | 0.9 |  |
| <a href="#">Lab004</a>                                                                     | 3                                                                                                         | 16.4                         | 16.2                | 40            | 0.4 | 2.5       | 6.2       | 20         | >6  |  | 4.6                          | 4.6                 | 40            | 0.2 | 4.3       | 8.7       | 20         | 4.7 |  |
| <a href="#">Lab011</a>                                                                     | 3                                                                                                         | 15.2                         | 15.1                | 18            | 0.6 | 4.0       | 8.6       | 20         | 4.8 |  | 5.4                          | 5.6                 | 18            | 0.2 | 3.6       | 10.8      | 20         | 4.5 |  |
| <a href="#">Lab013</a>                                                                     | 3                                                                                                         | 17.6                         | 17.7                | 13            | 0.4 | 2.3       | 5.1       | 20         | >6  |  | 5.4                          | 5.3                 | 13            | 0.2 | 3.8       | 9.4       | 20         | 4.8 |  |
| <a href="#">Lab016</a>                                                                     | 3                                                                                                         | 14.1                         | 13.6                | 30            | 0.2 | 1.5       | 6.5       | 20         | >6  |  | 4.1                          | 4.3                 | 30            | 0.1 | 2.3       | 9.5       | 20         | >6  |  |
| <a href="#">Lab029</a>                                                                     | 3                                                                                                         | 14.6                         | 14.9                | 8             | 0.3 | 2.0       | 6.1       | 20         | >6  |  | 4.5                          | 4.5                 | 8             | 0.2 | 4.4       | 8.9       | 20         | 4.5 |  |
| Total                                                                                      | -                                                                                                         | -                            | 14.7                | 221           | 1.2 | 8.2       | -         | -          | -   |  | -                            | 4.5                 | 221           | 0.7 | 15.6      | -         | -          | -   |  |

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 |
|-------------|--------------|
| 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：BD0728N (2024-08-20 ~ 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.: BD0728N) |                    |                |              |            |     |        |        |         |    |                             |              |            |     |        |        |         |     |
|------------------------------|--------------------|----------------|--------------|------------|-----|--------|--------|---------|----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| Month (2025/05)              |                    |                |              |            |     |        |        |         |    | CUM (2024/09/01~2025/05/31) |              |            |     |        |        |         |     |
| 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="#">Lab003</a>       | 3                  | 14.1           | 13.9         | 21         | 0.4 | 2.9    | 7.2    | 20      | >6 | 14.1                        | 14.0         | 112        | 0.5 | 3.6    | 7.9    | 20      | 5.4 |
| <a href="#">Lab004</a>       | 3                  | 16.4           | 16.0         | 8          | 0.4 | 2.5    | 7.4    | 20      | >6 | 16.4                        | 16.2         | 40         | 0.4 | 2.5    | 6.2    | 20      | >6  |
| <a href="#">Lab011</a>       | 3                  | 15.2           | 15.1         | 3          | 0.2 | 1.3    | 3.3    | 20      | >6 | 15.2                        | 15.1         | 18         | 0.6 | 4.0    | 8.6    | 20      | 4.8 |
| <a href="#">Lab013</a>       | 3                  | 17.6           | -            | 0          | -   | -      | -      | 20      | -  | 17.6                        | 17.7         | 13         | 0.4 | 2.3    | 5.1    | 20      | >6  |
| <a href="#">Lab016</a>       | 3                  | 14.1           | 13.7         | 5          | 0.2 | 1.5    | 5.8    | 20      | >6 | 14.1                        | 13.6         | 30         | 0.2 | 1.5    | 6.5    | 20      | >6  |
| <a href="#">Lab029</a>       | 3                  | 14.6           | 14.9         | 4          | 0.4 | 2.7    | 7.4    | 20      | >6 | 14.6                        | 14.9         | 8          | 0.3 | 2.0    | 6.1    | 20      | >6  |
| Total                        | -                  | -              | 14.5         | 41         | 0.9 | 6.2    | -      | -       | -  | -                           | 14.7         | 221        | 1.2 | 8.2    | -      | -       | -   |

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：2025 05 Change 累計期間 (CUM)：自 2024 09 01 至 2025 05 31 Change

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Control D 月統計與累計統計之比較表

| Control D (Lot No.: BD0728D) |                    |                |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|--------------------|----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| Month (2025/05)              |                    |                |              |            |     |        |        |         |     | CUM (2024/09/01~2025/05/31) |              |            |     |        |        |         |     |
| 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="#">Lab003</a>       | 3                  | 4.1            | 4.2          | 21         | 0.1 | 2.4    | 7.2    | 20      | >6  | 4.1                         | 4.3          | 112        | 0.7 | 16.3   | 37.4   | 20      | 0.9 |
| <a href="#">Lab004</a>       | 3                  | 4.6            | 4.5          | 8          | 0.1 | 2.2    | 6.6    | 20      | >6  | 4.6                         | 4.6          | 40         | 0.2 | 4.3    | 8.7    | 20      | 4.7 |
| <a href="#">Lab011</a>       | 3                  | 5.4            | 5.7          | 3          | 0.4 | 7.0    | 19.6   | 20      | 2.1 | 5.4                         | 5.6          | 18         | 0.2 | 3.6    | 10.8   | 20      | 4.5 |
| <a href="#">Lab013</a>       | 3                  | 5.4            | -            | 0          | -   | -      | -      | 20      | -   | 5.4                         | 5.3          | 13         | 0.2 | 3.8    | 9.4    | 20      | 4.8 |
| <a href="#">Lab016</a>       | 3                  | 4.1            | 4.3          | 5          | 0.1 | 2.3    | 9.5    | 20      | >6  | 4.1                         | 4.3          | 30         | 0.1 | 2.3    | 9.5    | 20      | >6  |
| <a href="#">Lab029</a>       | 3                  | 4.5            | 4.5          | 4          | 0.2 | 4.4    | 8.9    | 20      | 4.5 | 4.5                         | 4.5          | 8          | 0.2 | 4.4    | 8.9    | 20      | 4.5 |
| Total                        | -                  | -              | 4.4          | 41         | 0.4 | 9.1    | -      | -       | -   | -                           | 4.5          | 221        | 0.7 | 15.6   | -      | -       | -   |

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：2025 05 Change 累計期間 (CUM)：自 2024 09 01 至 2025 05 31 Change

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