

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：Lab029

|                    | Control N          |                                | Control D          |                                |
|--------------------|--------------------|--------------------------------|--------------------|--------------------------------|
| QC Control Lot No. | BD0728N            |                                | BD0728D            |                                |
| 檢驗期間               | Month<br>(2025/07) | CUM<br>(2025/04/08~2025/07/31) | Month<br>(2025/07) | CUM<br>(2025/04/08~2025/07/31) |
| 累計點數 (N)           | 4                  | 16                             | 4                  | 16                             |
| 累計平均值 (Mean) U/gHb | 14.7               | 14.7                           | 4.5                | 4.4                            |
| 累計標準差 (SD)         | 0.4                | 0.4                            | 0.1                | 0.2                            |
| 累計變異係數 (CV) %      | 2.7                | 2.7                            | 2.2                | 4.5                            |
| 目標值 (Target) U/gHb | 14.6               | 14.6                           | 4.5                | 4.5                            |
| 總誤差 (TE) %         | 6.1                | 6.1                            | 4.4                | 11.3                           |
| 可容許總誤差 (TEa) %     | 20                 | 20                             | 20                 | 20                             |
| σ                  | >6                 | >6                             | >6                 | 4.0                            |

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：2025 07 Change ； 累計期間 (CUM)：自 2025 04 08 至 2025 07 31 Change

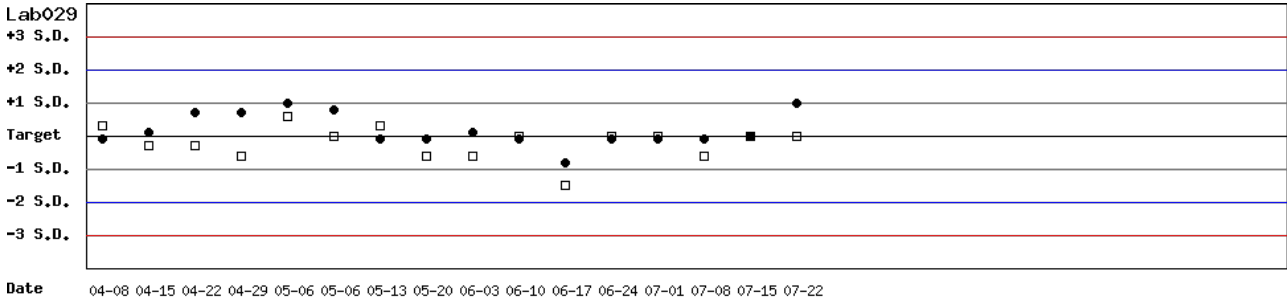
TOP

Control N 及 Control D SDI  
分佈圖

Lot No.: BD0728N ; 檢驗期間：2025-04-08 至 2025-07-31 ; 目標值 (Target) : 14.6 ; 參考標準差 (SD) : 0.71 ( ● )

Lot No.: BD0728D ; 檢驗期間：2025-04-08 至 2025-07-31 ; 目標值 (Target) : 4.5 ; 參考標準差 (SD) : 0.33 ( □ )

單位：Lab029



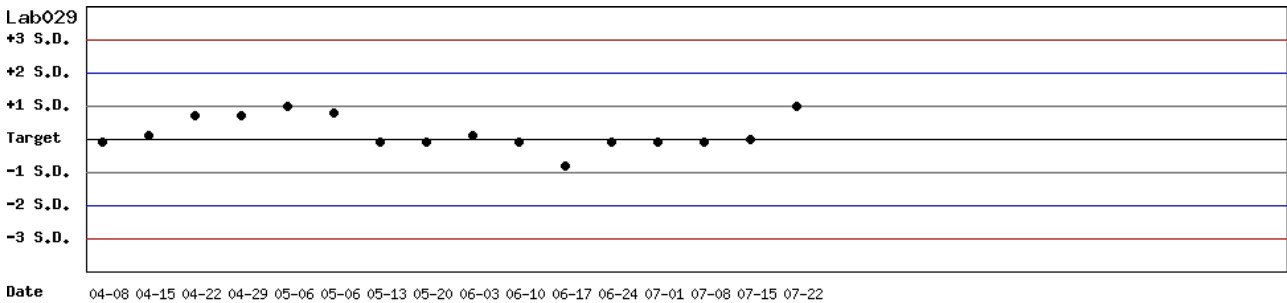
月統計：2025 07 Change ； 累計期間 (CUM)：自 2025 04 08 至 2025 07 31 Change

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Control N SDI 分佈圖

Lot No.: BD0728N ; 檢驗期間：2025-04-08 至 2025-07-31 ; 目標值 (Target) : 14.6 ; 參考標準差 (SD) : 0.71

單位：Lab029



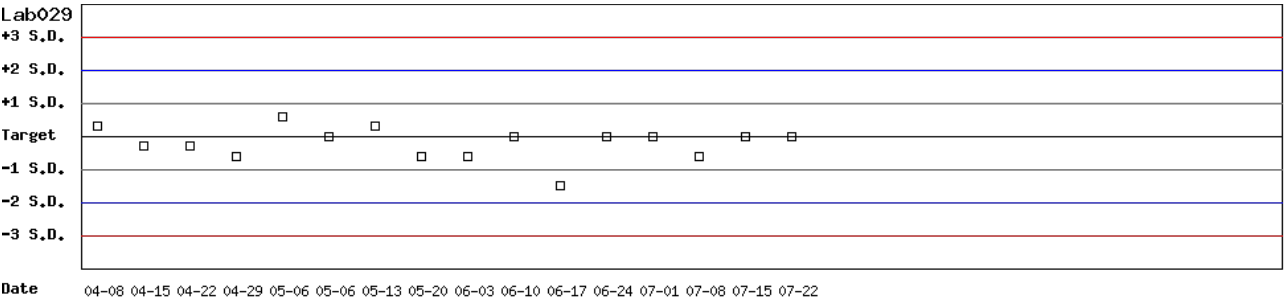
月統計：2025 07 Change ； 累計期間 (CUM)：自 2025 04 08 至 2025 07 31 Change

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Control D SDI 分佈圖

Lot No.: BD0728D ; 檢驗期間 : 2025-04-08 至 2025-07-31 ; 目標值 (Target) : 4.5 ; 參考標準差 (SD) : 0.33

單位 : Lab029



月統計 : 2025 ▾ 07 ▾ Change ; 累計期間 (CUM) : 自 2025 ▾ 04 ▾ 08 ▾ 至 2025 ▾ 07 ▾ 31 ▾ 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 07 Change

|        |                    | Control N (Lot No.: BD0728N) |              |            |     |        |        |         |    |  | Control D (Lot No.: BD0728D) |              |            |     |        |        |         |     |
|--------|--------------------|------------------------------|--------------|------------|-----|--------|--------|---------|----|--|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| 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                  | 16.4                         | 15.8         | 10         | 0.4 | 2.5    | 8.7    | 20      | >6 |  | 4.6                          | 4.4          | 10         | 0.1 | 2.3    | 8.9    | 20      | >6  |
| Lab011 | 3                  | 15.2                         | 15.2         | 6          | 0.1 | 0.7    | 1.3    | 20      | >6 |  | 5.4                          | 5.6          | 6          | 0.2 | 3.6    | 10.8   | 20      | 4.5 |
| Lab013 | 3                  | 17.6                         | 18.0         | 9          | 0.3 | 1.7    | 5.6    | 20      | >6 |  | 5.4                          | 2.8          | 9          | 0.0 | 0.0    | 48.1   | 20      | >6  |
| Lab016 | 3                  | 14.1                         | 13.8         | 5          | 0.1 | 0.7    | 3.6    | 20      | >6 |  | 4.1                          | 4.3          | 5          | 0.1 | 2.3    | 9.5    | 20      | >6  |
| Lab029 | 3                  | 14.6                         | 14.7         | 4          | 0.4 | 2.7    | 6.1    | 20      | >6 |  | 4.5                          | 4.5          | 4          | 0.1 | 2.2    | 4.4    | 20      | >6  |
| Total  | -                  | -                            | 15.9         | 34         | 1.5 | 9.4    | -      | -       | -  |  | -                            | 4.2          | 34         | 1.0 | 23.8   | -      | -       | -   |

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 2024 09 01 至 2025 07 31 Change

|        |                    | Control N (Lot No.: BD0728N) |              |            |     |        |        |         |     |  | Control D (Lot No.: BD0728D) |              |            |     |        |        |         |     |
|--------|--------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|--|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| 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   |
| Lab003 | 3                  | 14.1                         | 14.0         | 114        | 0.5 | 3.6    | 7.9    | 20      | 5.4 |  | 4.1                          | 4.3          | 114        | 0.7 | 16.3   | 37.4   | 20      | 0.9 |
| Lab004 | 3                  | 16.4                         | 16.1         | 58         | 0.4 | 2.5    | 6.8    | 20      | >6  |  | 4.6                          | 4.6          | 58         | 0.2 | 4.3    | 8.7    | 20      | 4.7 |
| Lab011 | 3                  | 15.2                         | 15.1         | 27         | 0.5 | 3.3    | 7.3    | 20      | 5.9 |  | 5.4                          | 5.6          | 27         | 0.2 | 3.6    | 10.8   | 20      | 4.5 |
| Lab013 | 3                  | 17.6                         | 17.8         | 22         | 0.4 | 2.2    | 5.6    | 20      | >6  |  | 5.4                          | 4.3          | 22         | 1.3 | 30.2   | 80.8   | 20      | 0.0 |
| Lab016 | 3                  | 14.1                         | 13.7         | 39         | 0.2 | 1.5    | 5.8    | 20      | >6  |  | 4.1                          | 4.3          | 39         | 0.1 | 2.3    | 9.5    | 20      | >6  |
| Lab029 | 3                  | 14.6                         | 14.7         | 16         | 0.4 | 2.7    | 6.1    | 20      | >6  |  | 4.5                          | 4.4          | 16         | 0.2 | 4.5    | 11.3   | 20      | 4.0 |
| Total  | -                  | -                            | 14.8         | 276        | 1.3 | 8.8    | -      | -       | -   |  | -                            | 4.5          | 276        | 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 (2025/07)              |                    |                |              |            |     |        |        |         |    | CUM (2024/09/01~2025/07/31) |              |            |     |        |        |         |     |
| 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           | -            | 0          | -   | -      | -      | 20      | -  | 14.1                        | 14.0         | 114        | 0.5 | 3.6    | 7.9    | 20      | 5.4 |
| <a href="#">Lab004</a>       | 3                  | 16.4           | 15.8         | 10         | 0.4 | 2.5    | 8.7    | 20      | >6 | 16.4                        | 16.1         | 58         | 0.4 | 2.5    | 6.8    | 20      | >6  |
| <a href="#">Lab011</a>       | 3                  | 15.2           | 15.2         | 6          | 0.1 | 0.7    | 1.3    | 20      | >6 | 15.2                        | 15.1         | 27         | 0.5 | 3.3    | 7.3    | 20      | 5.9 |
| <a href="#">Lab013</a>       | 3                  | 17.6           | 18.0         | 9          | 0.3 | 1.7    | 5.6    | 20      | >6 | 17.6                        | 17.8         | 22         | 0.4 | 2.2    | 5.6    | 20      | >6  |
| <a href="#">Lab016</a>       | 3                  | 14.1           | 13.8         | 5          | 0.1 | 0.7    | 3.6    | 20      | >6 | 14.1                        | 13.7         | 39         | 0.2 | 1.5    | 5.8    | 20      | >6  |
| <a href="#">Lab029</a>       | 3                  | 14.6           | 14.7         | 4          | 0.4 | 2.7    | 6.1    | 20      | >6 | 14.6                        | 14.7         | 16         | 0.4 | 2.7    | 6.1    | 20      | >6  |
| Total                        | -                  | -              | 15.9         | 34         | 1.5 | 9.4    | -      | -       | -  | -                           | 14.8         | 276        | 1.3 | 8.8    | -      | -       | -   |

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)

月統計：2025 07 Change      累計期間 (CUM)：自 2024 09 01 至 2025 07 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 (2025/07)              |                    |                |              |            |     |        |        |         |     | CUM (2024/09/01~2025/07/31) |              |            |     |        |        |         |     |
| 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            | -            | 0          | -   | -      | -      | 20      | -   | 4.1                         | 4.3          | 114        | 0.7 | 16.3   | 37.4   | 20      | 0.9 |
| <a href="#">Lab004</a>       | 3                  | 4.6            | 4.4          | 10         | 0.1 | 2.3    | 8.9    | 20      | >6  | 4.6                         | 4.6          | 58         | 0.2 | 4.3    | 8.7    | 20      | 4.7 |
| <a href="#">Lab011</a>       | 3                  | 5.4            | 5.6          | 6          | 0.2 | 3.6    | 10.8   | 20      | 4.5 | 5.4                         | 5.6          | 27         | 0.2 | 3.6    | 10.8   | 20      | 4.5 |
| <a href="#">Lab013</a>       | 3                  | 5.4            | 2.8          | 9          | 0.0 | 0.0    | 48.1   | 20      | >6  | 5.4                         | 4.3          | 22         | 1.3 | 30.2   | 80.8   | 20      | 0.0 |
| <a href="#">Lab016</a>       | 3                  | 4.1            | 4.3          | 5          | 0.1 | 2.3    | 9.5    | 20      | >6  | 4.1                         | 4.3          | 39         | 0.1 | 2.3    | 9.5    | 20      | >6  |
| <a href="#">Lab029</a>       | 3                  | 4.5            | 4.5          | 4          | 0.1 | 2.2    | 4.4    | 20      | >6  | 4.5                         | 4.4          | 16         | 0.2 | 4.5    | 11.3   | 20      | 4.0 |
| Total                        | -                  | -              | 4.2          | 34         | 1.0 | 23.8   | -      | -       | -   | -                           | 4.5          | 276        | 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 07 Change      累計期間 (CUM)：自 2024 09 01 至 2025 07 31 Change

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