

G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : AE0909N (2016-01-01 ~ 2100-12-31) Change

列印圖表

檢驗單位 : **Lab010**

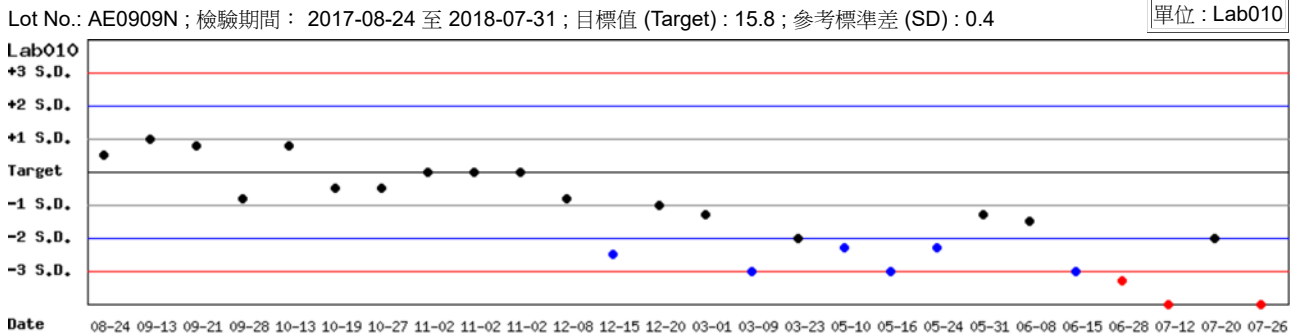
| QC Control Lot No. | Control N | | Control D | |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
| | AE0909N | | AE0909D | |
| 檢驗期間 | Month (2018/07) | CUM (2017/08/24~2018/07/31) | Month (2018/07) | CUM (2017/08/24~2018/07/31) |
| 累計點數 (N) | 3 | 26 | 3 | 26 |
| 累計平均值 (Mean) U/gHb | 14.4 | 15.2 | 5.6 | 6.3 |
| 累計標準差 (SD) | 0.5 | 0.6 | 0.2 | 0.4 |
| 累計變異係數 (CV) % | 3.5 | 3.9 | 3.6 | 6.3 |
| 目標值 (Target) U/gHb | 15.8 | 15.8 | 6.2 | 6.2 |
| 總誤差 (TE) % | 15.8 | 11.7 | 16.8 | 14.3 |
| 可容許總誤差 (TEa) % | 20 | 20 | 20 | 20 |
| σ | 3.2 | 4.2 | 2.9 | 2.9 |

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 : 2018 07 Change ; 累計期間 (CUM) : 自 2017 08 24 至 2018 07 31 Change

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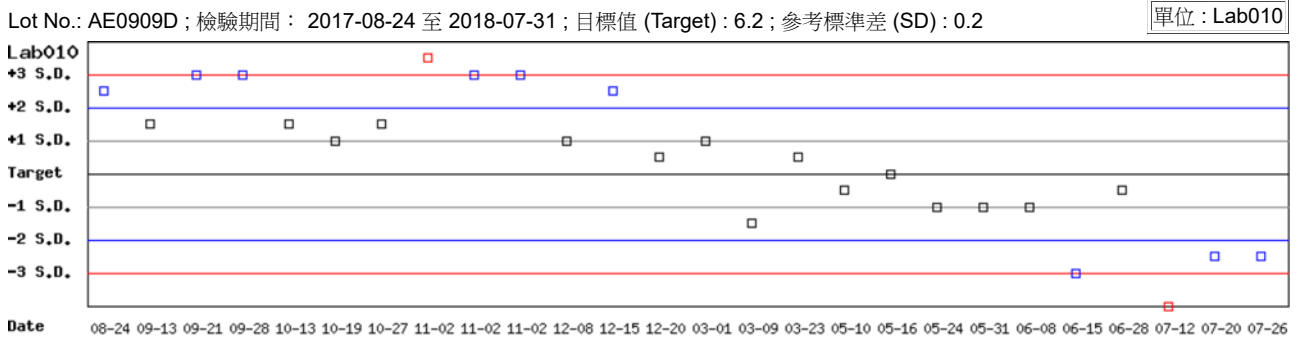
Control N SDI 分佈圖



月統計 : 2018 07 Change ; 累計期間 (CUM) : 自 2017 08 24 至 2018 07 31 Change

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Control D SDI 分佈圖



月統計 : 2018 07 Change ; 累計期間 (CUM) : 自 2017 08 24 至 2018 07 31 Change

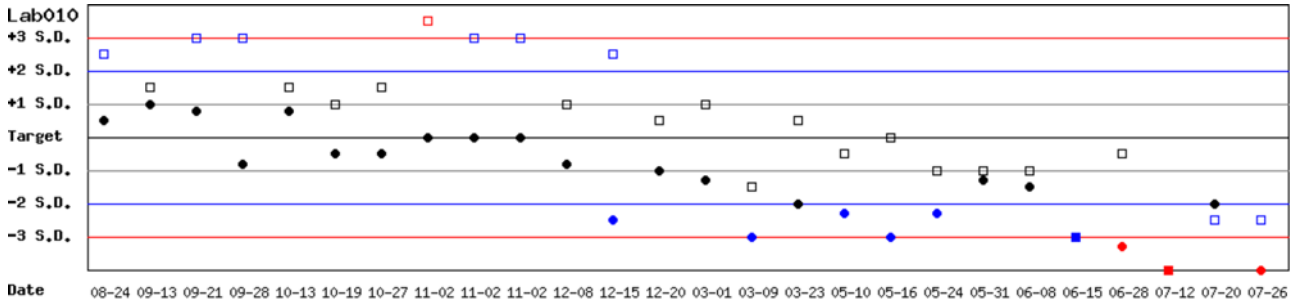
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Control N 及 Control D SDI 分佈圖

Lot No.: AE0909N ; 檢驗期間 : 2017-08-24 至 2018-07-31 ; 目標值 (Target) : 15.8 ; 參考標準差 (SD) : 0.4 (●)

Lot No.: AE0909D ; 檢驗期間 : 2017-08-24 至 2018-07-31 ; 目標值 (Target) : 6.2 ; 參考標準差 (SD) : 0.2 (□)

單位 : Lab010



月統計 : 2018 07 Change ; 累計期間 (CUM) : 自 2017 08 24 至 2018 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 : AE0909N (2016-01-01 ~ 2100-12-31)

選擇 Reagent Kit : 1 - Trinity

[列印總表一](#)

月統計表

統計月份 : 2018 07

| UnitID <input type="button" value="↑"/> | Reagent Kit (Code) <input type="button" value="↑"/> | Control N (Lot No.: AE0909N) | | | | | | | | Control D (Lot No.: AE0909D) | | | | | | | |
|---|---|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | 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 | 1 | 14.4 | 14.6 | 4 | 0.3 | 2.1 | 5.5 | 20 | >6 | 5.7 | 5.6 | 4 | 0.1 | 1.8 | 5.3 | 20 | >6 |
| Lab007 | 1 | 14.3 | 13.6 | 8 | 0.5 | 3.7 | 12.2 | 20 | 4.1 | 5.6 | 5.3 | 8 | 0.2 | 3.8 | 12.9 | 20 | 3.9 |
| Lab010 | 1 | 15.8 | 14.4 | 3 | 0.5 | 3.5 | 15.8 | 20 | 3.2 | 6.2 | 5.6 | 3 | 0.2 | 3.6 | 16.8 | 20 | 2.9 |
| Total | - | - | 14.0 | 15 | 0.7 | 5.0 | - | - | - | - | 5.4 | 15 | 0.2 | 3.7 | - | - | - |

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 × 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 2016 02 01 至 2018 07 31

| UnitID <input type="button" value="↑"/> | Reagent Kit (Code) <input type="button" value="↑"/> | Control N (Lot No.: AE0909N) | | | | | | | | Control D (Lot No.: AE0909D) | | | | | | | |
|---|---|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | 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 | 1 | 14.4 | 14.4 | 267 | 0.5 | 3.5 | 6.9 | 20 | 5.7 | 5.8 | 5.8 | 267 | 0.2 | 3.4 | 6.9 | 20 | 5.9 |
| Lab004 | 1 | 14.4 | 14.5 | 38 | 0.3 | 2.1 | 4.8 | 20 | >6 | 5.7 | 5.6 | 38 | 0.2 | 3.6 | 8.9 | 20 | 5.1 |
| Lab006 | 1 | 15.8 | 13.5 | 64 | 0.5 | 3.7 | 22.0 | 20 | 1.5 | 6.2 | 5.5 | 64 | 0.2 | 3.6 | 18.6 | 20 | 2.4 |
| Lab007 | 1 | 14.3 | 13.9 | 346 | 0.9 | 6.5 | 15.7 | 20 | 2.6 | 5.6 | 5.4 | 346 | 0.4 | 7.4 | 18.4 | 20 | 2.2 |
| Lab008 | 1 | 13.2 | 12.9 | 45 | 0.3 | 2.3 | 6.9 | 20 | >6 | 4.8 | 4.8 | 45 | 0.2 | 4.2 | 8.3 | 20 | 4.8 |
| Lab009 | 1 | 14.4 | 14.3 | 89 | 0.9 | 6.3 | 13.3 | 20 | 3.1 | 5.8 | 5.9 | 89 | 0.4 | 6.8 | 15.3 | 20 | 2.7 |
| Lab010 | 1 | 15.8 | 15.2 | 32 | 0.6 | 3.9 | 11.7 | 20 | 4.2 | 6.2 | 6.3 | 32 | 0.4 | 6.3 | 14.3 | 20 | 2.9 |
| Lab011 | 1 | 14.4 | 13.7 | 67 | 0.3 | 2.2 | 9.2 | 20 | >6 | 5.8 | 5.7 | 67 | 0.2 | 3.5 | 8.7 | 20 | 5.2 |
| Lab012 | 1 | 14.4 | 14.3 | 122 | 0.5 | 3.5 | 7.7 | 20 | 5.5 | 5.9 | 5.9 | 122 | 0.3 | 5.1 | 10.2 | 20 | 3.9 |
| Lab013 | 1 | 14.5 | 13.8 | 40 | 0.3 | 2.2 | 9.2 | 20 | >6 | 5.7 | 5.7 | 40 | 0.1 | 1.8 | 3.5 | 20 | >6 |
| Lab014 | 1 | 14.4 | 14.5 | 102 | 0.5 | 3.4 | 7.6 | 20 | 5.7 | 5.8 | 5.6 | 102 | 0.2 | 3.6 | 10.6 | 20 | 4.6 |
| Lab016 | 1 | 14.7 | 14.7 | 23 | 0.9 | 6.1 | 12.2 | 20 | 3.3 | 5.6 | 5.3 | 23 | 0.3 | 5.7 | 16.7 | 20 | 2.6 |
| Lab029 | 1 | 14.4 | 14.3 | 20 | 0.1 | 0.7 | 2.1 | 20 | >6 | 5.8 | 5.6 | 20 | 0.1 | 1.8 | 7.0 | 20 | >6 |
| Lab030 | 1 | 14.4 | 14.3 | 3 | 0.5 | 3.5 | 7.7 | 20 | 5.5 | 5.8 | 5.4 | 3 | 0.3 | 5.6 | 18.0 | 20 | 2.3 |
| Lab044 | 1 | 14.4 | 15.2 | 57 | 0.9 | 5.9 | 17.4 | 20 | 2.4 | 5.8 | 6.3 | 57 | 0.4 | 6.3 | 21.3 | 20 | 1.8 |
| Total | - | - | 14.2 | 1315 | 0.8 | 5.6 | - | - | - | - | 5.7 | 1315 | 0.4 | 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 × 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 |
|-------------|--------------|
| Trinity | 1 |

各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表二)

選擇 LotNo : AE0909N (2016-01-01 ~ 2100-12-31) Change

選擇 Reagent Kit : 1 - Trinity Change

列印總表二

Control N 月統計與累計統計之比較表

| Control N (Lot No.: AE0909N) | | | | | | | | | | | | | | | | | |
|------------------------------|----------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Month (2018/07) | | | | | | | | CUM (2016/02/01~2018/07/31) | | | | | | | |
| 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 |
| Lab003 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 14.4 | 267 | 0.5 | 3.5 | 6.9 | 20 | 5.7 |
| Lab004 | 1 | 14.4 | 14.6 | 4 | 0.3 | 2.1 | 5.5 | 20 | >6 | 14.4 | 14.5 | 38 | 0.3 | 2.1 | 4.8 | 20 | >6 |
| Lab006 | 1 | 15.8 | - | 0 | - | - | - | 20 | - | 15.8 | 13.5 | 64 | 0.5 | 3.7 | 22.0 | 20 | 1.5 |
| Lab007 | 1 | 14.3 | 13.6 | 8 | 0.5 | 3.7 | 12.2 | 20 | 4.1 | 14.3 | 13.9 | 346 | 0.9 | 6.5 | 15.7 | 20 | 2.6 |
| Lab008 | 1 | 13.2 | - | 0 | - | - | - | 20 | - | 13.2 | 12.9 | 45 | 0.3 | 2.3 | 6.9 | 20 | >6 |
| Lab009 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 14.3 | 89 | 0.9 | 6.3 | 13.3 | 20 | 3.1 |
| Lab010 | 1 | 15.8 | 14.4 | 3 | 0.5 | 3.5 | 15.8 | 20 | 3.2 | 15.8 | 15.2 | 32 | 0.6 | 3.9 | 11.7 | 20 | 4.2 |
| Lab011 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 13.7 | 67 | 0.3 | 2.2 | 9.2 | 20 | >6 |
| Lab012 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 14.3 | 122 | 0.5 | 3.5 | 7.7 | 20 | 5.5 |
| Lab013 | 1 | 14.5 | - | 0 | - | - | - | 20 | - | 14.5 | 13.8 | 40 | 0.3 | 2.2 | 9.2 | 20 | >6 |
| Lab014 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 14.5 | 102 | 0.5 | 3.4 | 7.6 | 20 | 5.7 |
| Lab016 | 1 | 14.7 | - | 0 | - | - | - | 20 | - | 14.7 | 14.7 | 23 | 0.9 | 6.1 | 12.2 | 20 | 3.3 |
| Lab029 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 14.3 | 20 | 0.1 | 0.7 | 2.1 | 20 | >6 |
| Lab030 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 14.3 | 3 | 0.5 | 3.5 | 7.7 | 20 | 5.5 |
| Lab044 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | 14.4 | 15.2 | 57 | 0.9 | 5.9 | 17.4 | 20 | 2.4 |
| Total | - | - | 14.0 | 15 | 0.7 | 5.0 | - | - | - | - | 14.2 | 1315 | 0.8 | 5.6 | - | - | - |

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 × 累計變異係數 (CV)

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

月統計 : 2018 07 Change

累計期間 (CUM) : 自 2016 02 01 至 2018 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.: AE0909D) | | | | | | | | | | | | | | | | | |
|------------------------------|----------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Month (2018/07) | | | | | | | | CUM (2016/02/01~2018/07/31) | | | | | | | |
| 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 |
| Lab003 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 5.8 | 267 | 0.2 | 3.4 | 6.9 | 20 | 5.9 |
| Lab004 | 1 | 5.7 | 5.6 | 4 | 0.1 | 1.8 | 5.3 | 20 | >6 | 5.7 | 5.6 | 38 | 0.2 | 3.6 | 8.9 | 20 | 5.1 |
| Lab006 | 1 | 6.2 | - | 0 | - | - | - | 20 | - | 6.2 | 5.5 | 64 | 0.2 | 3.6 | 18.6 | 20 | 2.4 |
| Lab007 | 1 | 5.6 | 5.3 | 8 | 0.2 | 3.8 | 12.9 | 20 | 3.9 | 5.6 | 5.4 | 346 | 0.4 | 7.4 | 18.4 | 20 | 2.2 |
| Lab008 | 1 | 4.8 | - | 0 | - | - | - | 20 | - | 4.8 | 4.8 | 45 | 0.2 | 4.2 | 8.3 | 20 | 4.8 |
| Lab009 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 5.9 | 89 | 0.4 | 6.8 | 15.3 | 20 | 2.7 |
| Lab010 | 1 | 6.2 | 5.6 | 3 | 0.2 | 3.6 | 16.8 | 20 | 2.9 | 6.2 | 6.3 | 32 | 0.4 | 6.3 | 14.3 | 20 | 2.9 |
| Lab011 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 5.7 | 67 | 0.2 | 3.5 | 8.7 | 20 | 5.2 |
| Lab012 | 1 | 5.9 | - | 0 | - | - | - | 20 | - | 5.9 | 5.9 | 122 | 0.3 | 5.1 | 10.2 | 20 | 3.9 |
| Lab013 | 1 | 5.7 | - | 0 | - | - | - | 20 | - | 5.7 | 5.7 | 40 | 0.1 | 1.8 | 3.5 | 20 | >6 |
| Lab014 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 5.6 | 102 | 0.2 | 3.6 | 10.6 | 20 | 4.6 |
| Lab016 | 1 | 5.6 | - | 0 | - | - | - | 20 | - | 5.6 | 5.3 | 23 | 0.3 | 5.7 | 16.7 | 20 | 2.6 |
| Lab029 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 5.6 | 20 | 0.1 | 1.8 | 7.0 | 20 | >6 |
| Lab030 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 5.4 | 3 | 0.3 | 5.6 | 18.0 | 20 | 2.3 |
| Lab044 | 1 | 5.8 | - | 0 | - | - | - | 20 | - | 5.8 | 6.3 | 57 | 0.4 | 6.3 | 21.3 | 20 | 1.8 |
| Total | - | - | 5.4 | 15 | 0.2 | 3.7 | - | - | - | - | 5.7 | 1315 | 0.4 | 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 × 累計變異係數 (CV)

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

月統計 : 2018 07 Change

累計期間 (CUM) : 自 2016 02 01 至 2018 07 31 Change

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| Trinity | 1 |