

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](#)

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檢驗單位 : Lab043

| QC Control Lot No. | Control N | | Control D | |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
| | AE0909N | | AE0909D | |
| 檢驗期間 | Month (2017/08) | CUM (2016/02/01~2017/08/31) | Month (2017/08) | CUM (2016/02/01~2017/08/31) |
| 累計點數 (N) | 2 | 2 | 2 | 2 |
| 累計平均值 (Mean) U/gHb | 10.7 | 10.7 | 4.2 | 4.2 |
| 累計標準差 (SD) | - | - | - | - |
| 累計變異係數 (CV) % | - | - | - | - |
| 目標值 (Target) U/gHb | 11.5 | 11.5 | 4.5 | 4.5 |
| 總誤差 (TE) % | - | - | - | - |
| 可容許總誤差 (TEa) % | 20 | 20 | 20 | 20 |
| σ | - | - | - | - |

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

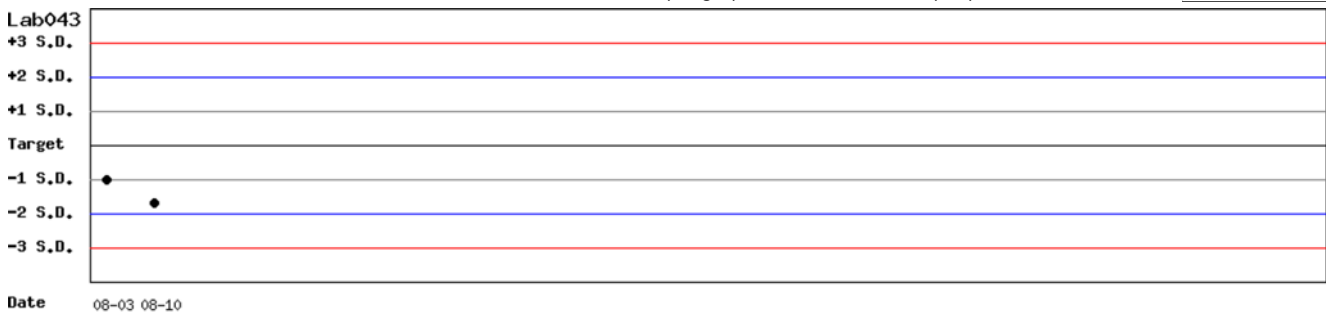
月統計 : 2017 08 [Change](#) ; 累計期間 (CUM) : 自 2016 02 01 至 2017 08 31 [Change](#)

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Control N SDI 分佈圖

Lot No.: AE0909N; 檢驗期間 : 2016-02-01 至 2017-08-31; 目標值 (Target) : 11.5; 參考標準差 (SD) : 0.6

單位 : Lab043



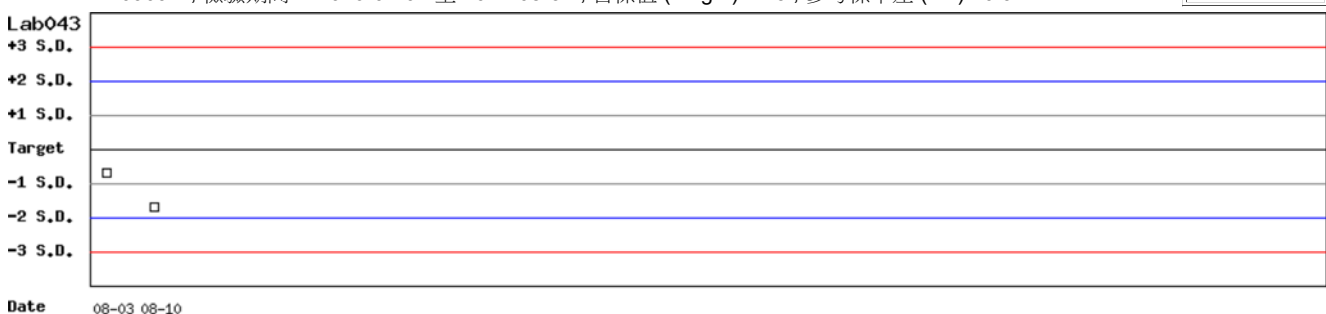
月統計 : 2017 08 [Change](#) ; 累計期間 (CUM) : 自 2016 02 01 至 2017 08 31 [Change](#)

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Control D SDI 分佈圖

Lot No.: AE0909D; 檢驗期間 : 2016-02-01 至 2017-08-31; 目標值 (Target) : 4.5; 參考標準差 (SD) : 0.3

單位 : Lab043



月統計 : 2017 08 [Change](#) ; 累計期間 (CUM) : 自 2016 02 01 至 2017 08 31 [Change](#)

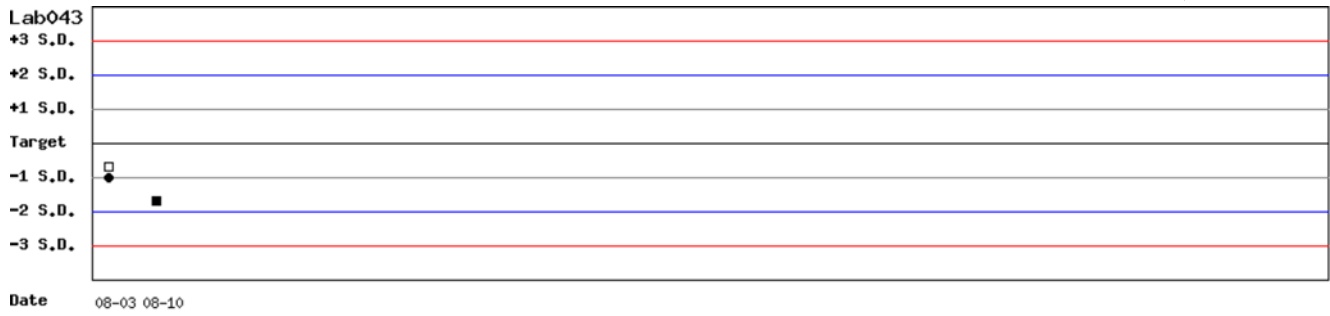
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Control N 及 Control D SDI 分佈圖

Lot No.: AE0909N ; 檢驗期間 : 2016-02-01 至 2017-08-31 ; 目標值 (Target) : 11.5 ; 參考標準差 (SD) : 0.6 (●)

Lot No.: AE0909D ; 檢驗期間 : 2016-02-01 至 2017-08-31 ; 目標值 (Target) : 4.5 ; 參考標準差 (SD) : 0.3 (□)

單位 : Lab043



月統計 : 2017 08 Change ; 累計期間 (CUM) : 自 2016 02 01 至 2017 08 31 Change

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Peer Group Statistics (Table 1)

Select LotNo :

Select Reagent Kit :

Monthly

Month :

| UnitID [↑] | Reagent Kit (Code) [↑] | 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 |
| Lab043 | 2 | 11.5 | 10.7 | 2 | - | - | - | 20 | - | 4.5 | 4.2 | 2 | - | - | - | 20 | - |
| Total | - | - | 10.7 | 2 | - | - | - | - | - | - | 4.2 | 2 | - | - | - | - | - |

Bias (%) = [(| Mean - Target |) / Target] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%)] / CV (%)

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Cumulative

Cumulative : from to

| UnitID [↑] | Reagent Kit (Code) [↑] | 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 |
| Lab018 | 2 | 10.5 | 10.4 | 16 | 0.6 | 5.8 | 12.5 | 20 | 3.3 | 4.1 | 4.0 | 16 | 0.3 | 7.5 | 17.4 | 20 | |
| Lab032 | 2 | 11.5 | 12.4 | 6 | 0.6 | 4.8 | 17.5 | 20 | 2.5 | 4.5 | 4.8 | 6 | 0.3 | 6.3 | 19.2 | 20 | |
| Lab043 | 2 | 11.5 | 10.7 | 2 | - | - | - | 20 | - | 4.5 | 4.2 | 2 | - | - | - | 20 | |
| Total | - | - | 10.9 | 24 | 1.0 | 9.2 | - | - | - | - | 4.2 | 24 | 0.5 | 11.9 | - | - | |

Bias (%) = [(| Mean - Target |) / Target] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%)] / CV (%)

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| AMP | 2 |

Peer Group Statistics (Table 2)

Select LotNo :

Select Reagent Kit :

Control N Month vs. Cumulative

| | | Control N (Lot No.: AE0909N) | | | | | | | | | | | | | | | |
|------------------------|----------------------|------------------------------|--------------|------------|----|--------|--------|---------|---|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Month (2017/08) | | | | | | | | CUM (2016/02/01~2017/08/31) | | | | | | | |
| 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 |
| Lab018 | 2 | 10.5 | - | 0 | - | - | - | 20 | - | 10.5 | 10.4 | 16 | 0.6 | 5.8 | 12.5 | 20 | 3.3 |
| Lab032 | 2 | 11.5 | - | 0 | - | - | - | 20 | - | 11.5 | 12.4 | 6 | 0.6 | 4.8 | 17.5 | 20 | 2.5 |
| Lab043 | 2 | 11.5 | 10.7 | 2 | - | - | - | 20 | - | 11.5 | 10.7 | 2 | - | - | - | 20 | - |
| Total | - | - | 10.7 | 2 | - | - | - | - | - | - | 10.9 | 24 | 1.0 | 9.2 | - | - | - |

Bias (%) = [(| Mean - Target |) / Target] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%)] / CV (%)

Month : Cumulative : from to

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Control D Month vs. Cumulative

| | | Control D (Lot No.: AE0909D) | | | | | | | | | | | | | | | |
|------------------------|----------------------|------------------------------|--------------|------------|----|--------|--------|---------|---|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Month (2017/08) | | | | | | | | CUM (2016/02/01~2017/08/31) | | | | | | | |
| 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 |
| Lab018 | 2 | 4.1 | - | 0 | - | - | - | 20 | - | 4.1 | 4.0 | 16 | 0.3 | 7.5 | 17.4 | 20 | 2.3 |
| Lab032 | 2 | 4.5 | - | 0 | - | - | - | 20 | - | 4.5 | 4.8 | 6 | 0.3 | 6.3 | 19.2 | 20 | 2.1 |
| Lab043 | 2 | 4.5 | 4.2 | 2 | - | - | - | 20 | - | 4.5 | 4.2 | 2 | - | - | - | 20 | - |
| Total | - | - | 4.2 | 2 | - | - | - | - | - | - | 4.2 | 24 | 0.5 | 11.9 | - | - | - |

Bias (%) = [(| Mean - Target |) / Target] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%)] / CV (%)

Month : Cumulative : from to

[TOP](#)

| Reagent Kit | Reagent Code |
|-------------|--------------|
| AMP | 2 |