

# G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : AA1223N (2012-10-01 ~ 2100-12-31) Change

列印圖表

檢驗單位 : **Lab030**

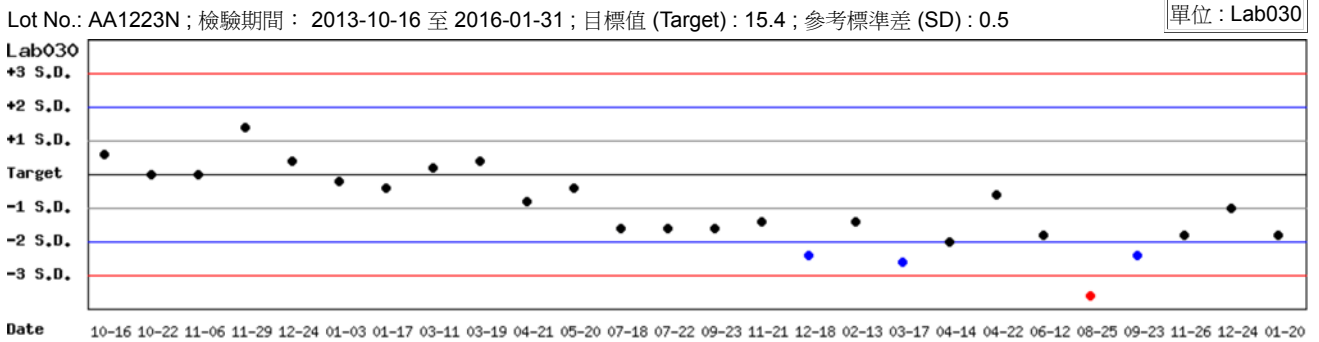
QC Control Lot No.	Control N		Control D	
	Month (2016/01)	CUM (2013/10/16~2016/01/31)	Month (2016/01)	CUM (2013/10/16~2016/01/31)
檢驗期間				
AA1223N			AA1223D	
累計點數 (N)	1	26	1	26
累計平均值 (Mean) U/gHb	14.5	14.9	4.5	4.7
累計標準差 (SD)	-	0.6	-	0.4
累計變異係數 (CV) %	-	4.0	-	8.5
目標值 (Target) U/gHb	15.4	15.4	4.3	4.3
總誤差 (TE) %	-	11.3	-	26.3
可容許總誤差 (TEa) %	20	20	20	20
$\sigma$	-	4.2	-	1.3

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

月統計 : 2016 01 Change ; 累計期間 (CUM) : 自 2013 10 16 至 2016 01 31 Change

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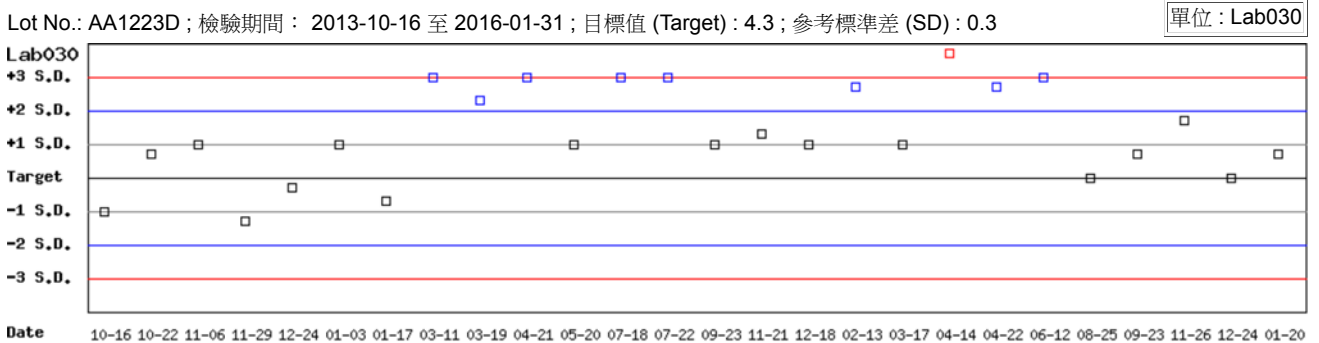
## Control N SDI 分佈圖



月統計 : 2016 01 Change ; 累計期間 (CUM) : 自 2013 10 16 至 2016 01 31 Change

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## Control D SDI 分佈圖



月統計 : 2016 01 Change ; 累計期間 (CUM) : 自 2013 10 16 至 2016 01 31 Change

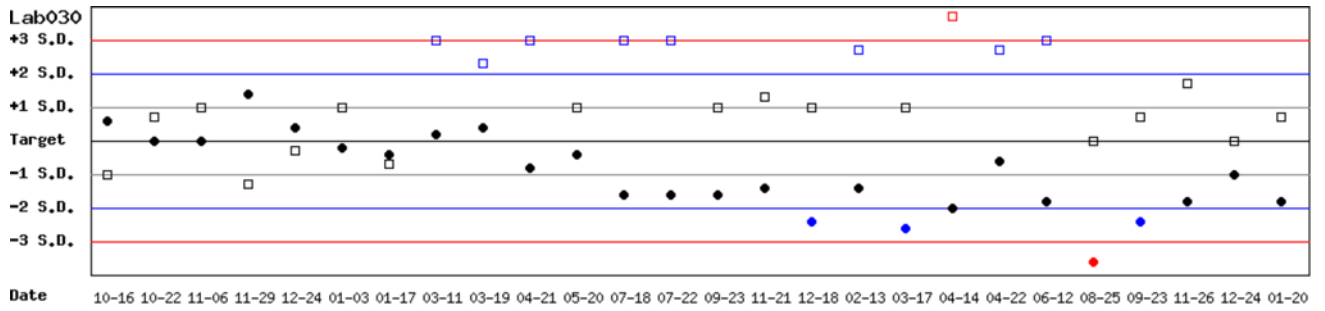
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## Control N 及 Control D SDI 分佈圖

Lot No.: AA1223N ; 檢驗期間 : 2013-10-16 至 2016-01-31 ; 目標值 (Target) : 15.4 ; 參考標準差 (SD) : 0.5 (●)

Lot No.: AA1223D ; 檢驗期間 : 2013-10-16 至 2016-01-31 ; 目標值 (Target) : 4.3 ; 參考標準差 (SD) : 0.3 (□)

單位 : Lab030



月統計 : 2016 01 Change ; 累計期間 (CUM) : 自 2013 10 16 至 2016 01 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 : AA1223N (2012-10-01 ~ 2100-12-31)

選擇 Reagent Kit : 1 - Trinity

[列印總表一](#)

## 月統計表

統計月份 : 2016  01

UnitID <input type="button" value="↑"/>	Reagent Kit (Code) <input type="button" value="↑"/>	Control N (Lot No.: AA1223N)								Control D (Lot No.: AA1223D)							
		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="#">Lab030</a>	1	15.4	14.5	1	-	-	-	20	-	4.3	4.5	1	-	-	-	20	-
Total	-	-	14.5	1	-	-	-	-	-	-	4.5	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 × 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 2012  10  01  至 2016  01  31

UnitID <input type="button" value="↑"/>	Reagent Kit (Code) <input type="button" value="↑"/>	Control N (Lot No.: AA1223N)								Control D (Lot No.: AA1223D)							
		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="#">Lab001</a>	1	15.4	15.1	5	0.2	1.3	4.6	20	>6	4.3	4.4	5	0.1	2.3	6.9	20	>6
<a href="#">Lab002</a>	1	14.6	15.1	71	0.8	5.3	14.0	20	3.1	5.0	4.8	71	0.3	6.3	16.5	20	2.5
<a href="#">Lab003</a>	1	14.6	14.6	255	0.5	3.4	6.8	20	5.9	4.3	4.3	255	0.3	7.0	14.0	20	2.9
<a href="#">Lab004</a>	1	15.1	15.1	50	0.4	2.6	5.3	20	>6	4.4	4.3	50	0.2	4.7	11.6	20	3.8
<a href="#">Lab006</a>	1	15.4	14.6	56	0.7	4.8	14.8	20	3.1	4.3	4.3	56	0.2	4.7	9.3	20	4.3
<a href="#">Lab007</a>	1	14	15.1	153	0.9	6.0	19.8	20	2.0	4.6	4.4	153	0.4	9.1	22.5	20	1.7
<a href="#">Lab008</a>	1	15.0	14.7	123	0.5	3.4	8.8	20	5.3	4.3	4.2	123	0.2	4.8	11.8	20	3.7
<a href="#">Lab010</a>	1	14.4	14.1	73	0.4	2.8	7.8	20	>6	4.3	4.2	73	0.2	4.8	11.8	20	3.7
<a href="#">Lab011</a>	1	15.4	15.2	45	0.9	5.9	13.1	20	3.2	4.3	4.4	45	0.5	11.4	25.1	20	1.6
<a href="#">Lab012</a>	1	14.7	14.7	58	0.4	2.7	5.4	20	>6	4.7	4.5	58	0.2	4.4	13.1	20	3.6
<a href="#">Lab013</a>	1	15.0	15.0	98	0.2	1.3	2.7	20	>6	4.3	4.3	98	0.2	4.7	9.3	20	4.3
<a href="#">Lab014</a>	1	15.4	15.1	103	0.4	2.6	7.2	20	>6	4.3	4.2	103	0.2	4.8	11.8	20	3.7
<a href="#">Lab015</a>	1	15.4	15.3	142	0.8	5.2	11.1	20	3.7	4.3	4.6	142	0.3	6.5	20.0	20	2.0
<a href="#">Lab029</a>	1	15.6	15.5	51	1.0	6.5	13.5	20	3.0	4.6	4.6	51	0.4	8.7	17.4	20	2.3
<a href="#">Lab030</a>	1	15.4	14.8	36	0.5	3.4	10.7	20	4.7	4.3	4.6	36	0.4	8.7	24.4	20	1.5
Total	-	-	14.9	1319	0.7	4.7	-	-	-	-	4.4	1319	0.3	6.8	-	-	-

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 × 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 : AA1223N (2012-10-01 ~ 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.: AA1223N)															
		Month (2016/01)								CUM (2012/10/01~2016/01/31)							
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="#">Lab001</a>	1	15.4	-	0	-	-	-	20	-	15.4	15.1	5	0.2	1.3	4.6	20	>6
<a href="#">Lab002</a>	1	14.6	-	0	-	-	-	20	-	14.6	15.1	71	0.8	5.3	14.0	20	3.1
<a href="#">Lab003</a>	1	14.6	-	0	-	-	-	20	-	14.6	14.6	255	0.5	3.4	6.8	20	5.9
<a href="#">Lab004</a>	1	15.1	-	0	-	-	-	20	-	15.1	15.1	50	0.4	2.6	5.3	20	>6
<a href="#">Lab006</a>	1	15.4	-	0	-	-	-	20	-	15.4	14.6	56	0.7	4.8	14.8	20	3.1
<a href="#">Lab007</a>	1	14	-	0	-	-	-	20	-	14	15.1	153	0.9	6.0	19.8	20	2.0
<a href="#">Lab008</a>	1	15.0	-	0	-	-	-	20	-	15.0	14.7	123	0.5	3.4	8.8	20	5.3
<a href="#">Lab010</a>	1	14.4	-	0	-	-	-	20	-	14.4	14.1	73	0.4	2.8	7.8	20	>6
<a href="#">Lab011</a>	1	15.4	-	0	-	-	-	20	-	15.4	15.2	45	0.9	5.9	13.1	20	3.2
<a href="#">Lab012</a>	1	14.7	-	0	-	-	-	20	-	14.7	14.7	58	0.4	2.7	5.4	20	>6
<a href="#">Lab013</a>	1	15.0	-	0	-	-	-	20	-	15.0	15.0	98	0.2	1.3	2.7	20	>6
<a href="#">Lab014</a>	1	15.4	-	0	-	-	-	20	-	15.4	15.1	103	0.4	2.6	7.2	20	>6
<a href="#">Lab015</a>	1	15.4	-	0	-	-	-	20	-	15.4	15.3	142	0.8	5.2	11.1	20	3.7
<a href="#">Lab029</a>	1	15.6	-	0	-	-	-	20	-	15.6	15.5	51	1.0	6.5	13.5	20	3.0
<a href="#">Lab030</a>	1	15.4	14.5	1	-	-	-	20	-	15.4	14.8	36	0.5	3.4	10.7	20	4.7
Total	-	-	14.5	1	-	-	-	-	-	-	14.9	1319	0.7	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 × 累計變異係數 (CV)

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

月統計 : 2016 01 Change

累計期間 (CUM) : 自 2012 10 01 至 2016 01 31 Change

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### Control D 月統計與累計統計之比較表

		Control D (Lot No.: AA1223D)															
		Month (2016/01)								CUM (2012/10/01~2016/01/31)							
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="#">Lab001</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.4	5	0.1	2.3	6.9	20	>6
<a href="#">Lab002</a>	1	5.0	-	0	-	-	-	20	-	5.0	4.8	71	0.3	6.3	16.5	20	2.5
<a href="#">Lab003</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.3	255	0.3	7.0	14.0	20	2.9
<a href="#">Lab004</a>	1	4.4	-	0	-	-	-	20	-	4.4	4.3	50	0.2	4.7	11.6	20	3.8
<a href="#">Lab006</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.3	56	0.2	4.7	9.3	20	4.3
<a href="#">Lab007</a>	1	4.6	-	0	-	-	-	20	-	4.6	4.4	153	0.4	9.1	22.5	20	1.7
<a href="#">Lab008</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.2	123	0.2	4.8	11.8	20	3.7
<a href="#">Lab010</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.2	73	0.2	4.8	11.8	20	3.7
<a href="#">Lab011</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.4	45	0.5	11.4	25.1	20	1.6
<a href="#">Lab012</a>	1	4.7	-	0	-	-	-	20	-	4.7	4.5	58	0.2	4.4	13.1	20	3.6
<a href="#">Lab013</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.3	98	0.2	4.7	9.3	20	4.3
<a href="#">Lab014</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.2	103	0.2	4.8	11.8	20	3.7
<a href="#">Lab015</a>	1	4.3	-	0	-	-	-	20	-	4.3	4.6	142	0.3	6.5	20.0	20	2.0
<a href="#">Lab029</a>	1	4.6	-	0	-	-	-	20	-	4.6	4.6	51	0.4	8.7	17.4	20	2.3
<a href="#">Lab030</a>	1	4.3	4.5	1	-	-	-	20	-	4.3	4.6	36	0.4	8.7	24.4	20	1.5
Total	-	-	4.5	1	-	-	-	-	-	-	4.4	1319	0.3	6.8	-	-	-

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 × 累計變異係數 (CV)

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

月統計 : 2016 01 Change

累計期間 (CUM) : 自 2012 10 01 至 2016 01 31 Change

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Reagent Kit	Reagent Code
Trinity	1