

# QC Chart of Internal Quality Control (IQC)for G6PD Quantitative Test

Select LotNo : AH1220N (2019-01-28 ~ 2100-12-31) [Change](#)

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## Lab003

	Control N		Control D	
QC Control Lot No.	AH1220N		AH1220D	
Duration of the Analyzing	Month (2019/02)	CUM (2019/02/01~2019/02/28)	Month (2019/02)	CUM (2019/02/01~2019/02/28)
Runs (N)	12	12	12	12
Mean (U/gHb)	15.7	15.7	5.1	5.1
SD	0.7	0.7	0.5	0.5
CV (%)	4.5	4.5	9.8	9.8
Target Value (U/gHb)	15.3	15.3	5.2	5.2
Total Error (%)	11.5	11.5	21.5	21.5
TEa (%)	20	20	20	20
$\sigma$	3.9	3.9	1.8	1.8

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

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

$\sigma$  (Sigma) = [TEa% - Bias (%) ] / CV (%)

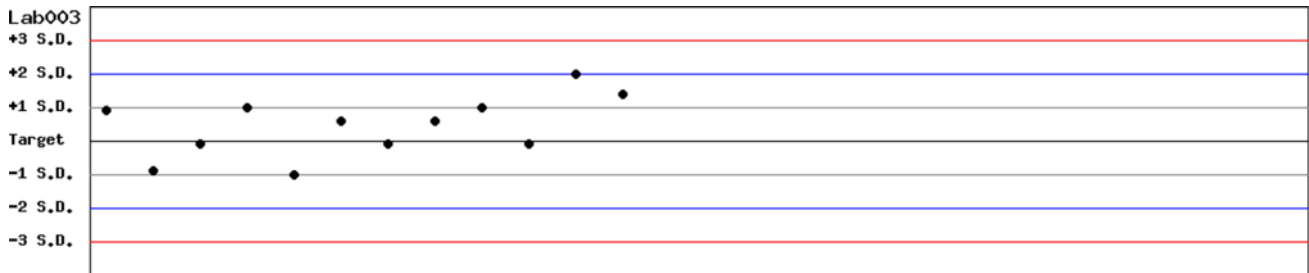
Month : 2019 02 [Change](#) ; Cumulative : from 2019 02 01 to 2019 02 28 [Change](#)

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## Control N SDI QC Chart

Lot No.: AH1220N ; Duration : 2019-02-01 to 2019-02-28 ; Target : 15.3 ; SD : 0.8

Lab003



Date 02-11 02-13 02-15 02-16 02-18 02-19 02-21 02-22 02-23 02-25 02-26 02-27

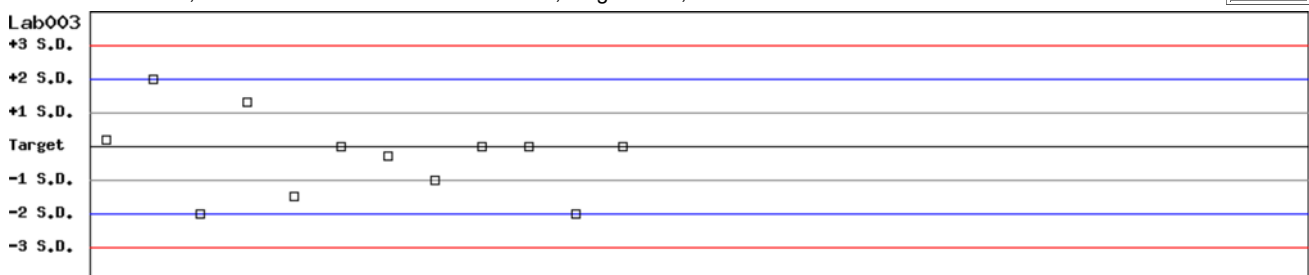
Month : 2019 02 [Change](#) ; Cumulative : from 2019 02 01 to 2019 02 28 [Change](#)

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## Control D SDI QC Chart

Lot No.: AH1220D ; Duration : 2019-02-01 to 2019-02-28 ; Target : 5.2 ; SD : 0.4

Lab003



Date 02-11 02-13 02-15 02-16 02-18 02-19 02-21 02-22 02-23 02-25 02-26 02-27

Month : 2019 02 [Change](#) ; Cumulative : from 2019 02 01 to 2019 02 28 [Change](#)

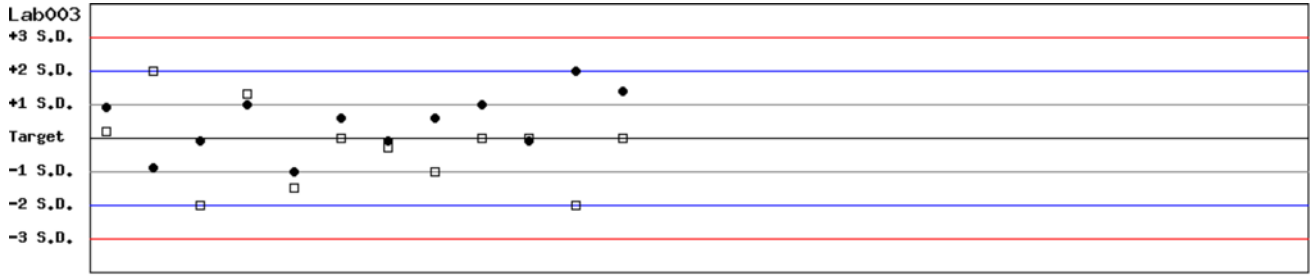
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## Control N and Control D SDI QC Chart

Lot No.: AH1220N ; Duration : 2019-02-01 to 2019-02-28 ; Target : 15.3 ; SD : 0.8 ( ● )

Lot No.: AH1220D ; Duration : 2019-02-01 to 2019-02-28 ; Target : 5.2 ; SD : 0.4 ( □ )

Lab003



Date 02-11 02-13 02-15 02-16 02-18 02-19 02-21 02-22 02-23 02-25 02-26 02-27

Month : 2019 02  ; Cumulative : from 2019 02 01 to 2019 02 28

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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 : AH1220N (2019-01-28 ~ 2100-12-31)

選擇 Reagent Kit : 6 - Instruchemie

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## 月統計表

統計月份 : 2019  02

UnitID <input type="button" value="↑"/>	Reagent Kit (Code) <input type="button" value="↑"/>	Control N (Lot No.: AH1220N)								Control D (Lot No.: AH1220D)							
		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>	6	15.3	15.7	12	0.7	4.5	11.5	20	3.9	5.2	5.1	12	0.5	9.8	21.5	20	1.8
Total	-	-	15.7	12	0.7	4.5	-	-	-	-	5.1	12	0.5	9.8	-	-	-

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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## 累計統計表

累計期間 : 自 2019  02  01  至 2019  02  28

UnitID <input type="button" value="↑"/>	Reagent Kit (Code) <input type="button" value="↑"/>	Control N (Lot No.: AH1220N)								Control D (Lot No.: AH1220D)							
		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>	6	15.3	15.7	12	0.7	4.5	11.5	20	3.9	5.2	5.1	12	0.5	9.8	21.5	20	1.8
Total	-	-	15.7	12	0.7	4.5	-	-	-	-	5.1	12	0.5	9.8	-	-	-

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
Instruchemie	6

# 各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表二)

選擇 LotNo :

選擇 Reagent Kit :

## Control N 月統計與累計統計 之比較表

Control N (Lot No.: AH1220N)																	
Month (2019/02)										CUM (2019/02/01~2019/02/28)							
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>	6	15.3	15.7	12	0.7	4.5	11.5	20	3.9	15.3	15.7	12	0.7	4.5	11.5	20	3.9
Total	-	-	15.7	12	0.7	4.5	-	-	-	-	15.7	12	0.7	4.5	-	-	-

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 :    累計期間 (CUM) : 自    至

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## Control D 月統計與累計統計 之比較表

Control D (Lot No.: AH1220D)																	
Month (2019/02)										CUM (2019/02/01~2019/02/28)							
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>	6	5.2	5.1	12	0.5	9.8	21.5	20	1.8	5.2	5.1	12	0.5	9.8	21.5	20	1.8
Total	-	-	5.1	12	0.5	9.8	-	-	-	-	5.1	12	0.5	9.8	-	-	-

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 :    累計期間 (CUM) : 自    至

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Reagent Kit	Reagent Code
Instruchemie	6