

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

Select LotNo :

Lab026

	Control N		Control D	
QC Control Lot No.	AE0909N		AE0909D	
Duration of the Analyzing	Month (2021/07)	CUM (2021/04/08~2021/07/30)	Month (2021/07)	CUM (2021/04/08~2021/07/30)
Runs (N)	8	26	8	26
Mean (U/gHb)	12.9	12.9	4.9	4.9
SD	0.1	0.1	0.1	0.1
CV (%)	0.8	0.8	2.0	2.0
Target Value (U/gHb)	15.9	15.9	5.8	5.8
Total Error (%)	20.4	20.4	19.6	19.6
TEa (%)	20	20	20	20
σ	1.4	1.4	2.2	2.2

Bias (%) = $\left[\frac{|\text{Mean} - \text{Target}|}{\text{Target}} \right] \times 100\%$

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

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

Month : ; Cumulative : from to

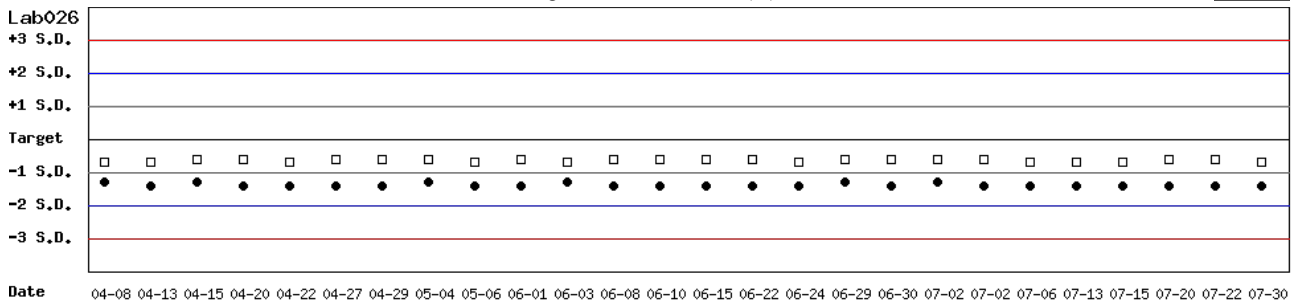
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Control N and Control D SDI QC Chart

Lot No.: AE0909N ; Duration : 2021-04-08 to 2021-07-30 ; Target : 15.9 ; SD : 2.20 (●)

Lot No.: AE0909D ; Duration : 2021-04-08 to 2021-07-30 ; Target : 5.8 ; SD : 1.40 (□)

Lab026



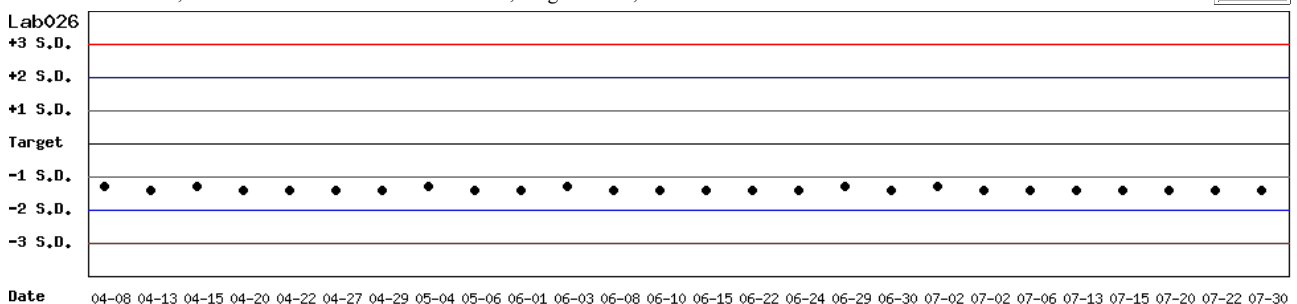
Month : ; Cumulative : from to

[\[TOP\]](#)

Control N SDI QC Chart

Lot No.: AE0909N ; Duration : 2021-04-08 to 2021-07-30 ; Target : 15.9 ; SD : 2.20

Lab026



Month : ; Cumulative : from to

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Control D SDI QC Chart

Lot No.: AE0909D ; Duration : 2021-04-08 to 2021-07-30 ; Target : 5.8 ; SD : 1.40

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+3 S.D.

+2 S.D.

+1 S.D.

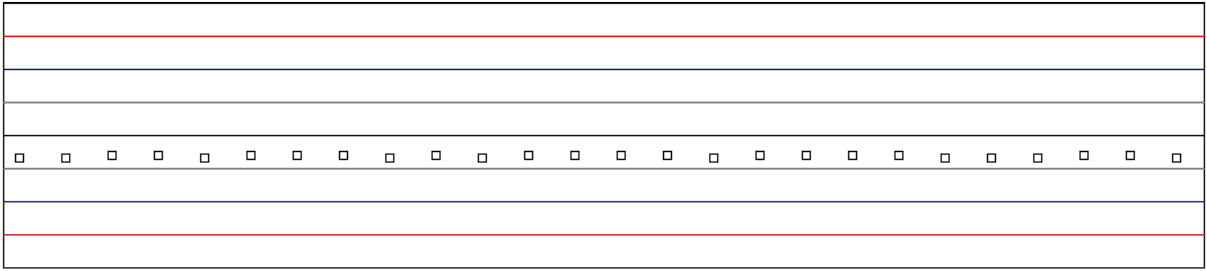
Target

-1 S.D.

-2 S.D.

-3 S.D.

Date



04-08 04-13 04-15 04-20 04-22 04-27 04-29 05-04 05-06 06-01 06-03 06-08 06-10 06-15 06-22 06-24 06-29 06-30 07-02 07-02 07-06 07-13 07-15 07-20 07-22 07-30

Month : 2021 07 Change ; Cumulative : from 2021 04 08 to 2021 07 30 Change

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