

Defendant	Instrument	Calibration Batch	Soluti Arithmetic Mean	Solution Weighted Mean	Vapor ¹ Arithmetic Mean	Vapoi Weighted Mean
Hildreth	949242	02019				
Cheuk	140047	06011	0.0981	0.0985	0.0798	0.0801
Reel	140078	05017	0.1010	0.1013	0.0821	0.0824
Wolf	140022	06011	0.0981	0.0985	0.0798	0.0801
Watson	140015	05032	0.0984	0.0983	0.0800	0.0799
Slaughter	949256	05019	0.0980	0.0979	0.0797	0.0796
Ahmach	140047	06011	0.0981	0.0985	0.0798	0.0801
Cheuk	140022	05032	0.0984	0.0983	0.0800	0.0799



¹ This was determined by dividing the mean solution value by 1.23

<u>Defendant</u>	<u>Batch</u>	<u>Instrument</u>	<u>Original Mean</u>	<u>Field Bias¹</u>	<u>QAP Bias²</u>	<u>Corrected Mean</u>	<u>99% Confidence Interval</u>
Hildreth	02044	949242	0.0875	-3.8%		0.0909	0.0842 to 0.0976
Cheuk	06013	140047	0.1855		-0.59%	0.1866	0.1756 to 0.1976
Reel	05014	140078	0.2330		-1.39%	0.2364	0.2224 to 0.2504
Wolf	06013	140022	0.1745		-0.33%	0.1751	0.1641 to 0.1861
Watson	05030	140015	0.2560		-0.33%	0.2568	0.2418 to 0.2718
Slaughter	05021	949256	0.1835		+0.99%	0.1817	0.1707 to 0.1927
Ahmach	06013	140047	0.1510		-0.59%	0.1519	0.1422 to 0.1616
Cheuk	05033	140022	0.0135		+0.25%	0.0135	0.0104 to 0.0166

¹ This was determined from field simulator test results (n=10) on a newly installed solution

² This was determined at the time of the previous Quality Assurance Procedure at a concentration closer to the subject's results

Defendant	Batch	Original Results	Corrected Results ¹	Weighted Mean Corrected Results ²	Without Ann's Data Corrected Results	Outliers ⁴ Removed Corrected
Hildreth	02044	0.088/0.087	0.091/0.090	0.091/0.090	0.091/0.090	0.091/0.090 One outlier
Ahmach	06013	0.146/0.156	0.147/0.157	0.146/0.156	No AMG data	0.147/0.157 No outliers
Wolf	06013	0.185/0.164	0.185/0.164	0.185/0.164	No AMG data	0.185/0.164 No outliers
Reel	05014	0.240/0.226	0.243/0.229	0.243/0.229 ³	No AMG data	0.243/0.229 No outliers
Cheuk	06013	0.192/0.179	0.193/0.180	0.193/0.180	No AMG data	0.193/0.180 No outliers
Cheuk	05033	0.014/0.013	0.013/0.012	0.013/0.012	No AMG data	0.013/0.012 No outliers
Watson	05030	0.261/0.251	0.261/0.251	0.261/0.251	No AMG data	0.261/0.251 No outliers
Slaughter	05021	0.184/0.183	0.182/0.181	0.182/0.181	No AMG data	0.182/0.181 No outliers

¹ This correction was made based on comparing either field simulator results or QAP results to the known toxicology lab reference value using the arithmetic mean

² This correction was made based on comparing either field simulator results or QAP results to the known toxicology lab reference value determined using the traditional weighted mean

³ For this batch the arithmetic mean and weighted mean were equal since only one instrument was used

⁴ Outliers were those values exceeding the arithmetic mean \pm 3SD where the mean and SD were computed including the outlier. After removing the outliers the results were corrected according to the appropriate bias estimate determined by point 1 above. If no outliers were present the results

summary (includes weighted means)

were reported as corrected according to the met. of point 1 above.

summary1(includes weighted means)