

## CERTIFICATE OF ANALYSIS



<b>Product:</b>	Accu-beads +	<b>Exp. Date:</b>	December 2012
-----------------	--------------	-------------------	---------------

Type	Range	Lot #	Date of Analysis
18 M/ml	± 2.5 M/ml	101112181	12/11/2010

Test Type and Quantity	20 µm Fixed Coverslip Chamber Calibration	S.D.	CV%	Calculated Hemacytometer Calibration Range*
Stock (4)	18.2 M/ml	0.71	3.92	16.6 to 30.6 M/ml
Sample (4)	19.1 M/ml	.95	4.97	17.83 to 31.83 M/ml

Type	Range	Lot #	Date of Analysis
35 M/ml	± 5.0 M/ml	101112351	12/11/2010

Test Type and Quantity	20 µm Fixed Coverslip Chamber Calibration	S.D.	CV%	Calculated Hemacytometer Calibration Range*
Stock (4)	35.6 M/ml	.65	1.81	39.3 to 53.3 M/ml
Sample (4)	37.2 M/ml	.81	2.19	41.36 to 55.36 M/ml

Stock Analysis verified by:	Sample Analysis verified by:
Suzanne MacCarthy	D.H. Douglas-Hamilton
Date: 12/11/2010	Date: 12/21/2010
	

\* Calculation based on hemacytometer flow dynamics ratio as described in Accu-beads Technical Note. Please see <http://www.hamiltonthorne.com/products/casa/accessories/accubeads.htm> for more information.