Asthma Clinical Research Network
CIMA
NIH/NHLBI

BIOLOGICAL QUALITY CONTROL

Subject ID: 2 ___ ___ ___ ___
Subject Initials: ___ ___ ___
Visit Number: ___
Current Date: ___ ___ / ___ ___ / ___ ___
month day year
Technician ID: ___ ___ ___ ___ ___

(Technician completed)

BIO_01 1. Serial Number of AirWatch™ being tested ___ ___ ___ ___ - ___ ___ ___ ___

BIO_02 2. Serial Number of mouthpiece being tested ___ ___ ___

		Clinic Use Only			Highest Value
BIO_03	3. Spirometer (L/Min)	___ ___ ___	___ ___ ___	___ ___ ___	___ ___ ___
BIO_04	4. AirWatch™ (L/Min)	___ ___ ___	___ ___ ___	___ ___ ___	___ ___ ___

Relative Bias $\frac{\text{(AirWatch™ - Spirometer)}}{\text{Spirometer}}$ * 100 % ___ ___ ___ . ___ %

When a subject receives a new AirWatch™ or mouthpiece for the first time, *the biological relative bias must be less than 15%*

When a subject returns to the clinic with a used AirWatch™: *subtract the original biological relative bias (the lower relative bias from when the AirWatch™ or mouthpiece was first dispensed) from the current biological relative bias. This value must be between -15% and +15%*

BIO_05 5. Did the subject pass the Biological Quality Control testing? ❑1 Yes ❑0 No

- ☞ If ***Yes***, please **STOP** here.
- ☞ If ***No***, please reinstruct the subject and retest.

		Clinic Use Only			Highest Value
BIO_06	6. Spirometer (L/Min)	___ ___ ___	___ ___ ___	___ ___ ___	___ ___ ___
BIO_07	7. AirWatch™ (L/Min)	___ ___ ___	___ ___ ___	___ ___ ___	___ ___ ___

Relative Bias $\frac{\text{(AirWatch™ - Spirometer)}}{\text{Spirometer}}$ * 100 % ___ ___ ___ . ___ %