Certificate of Accreditation

Blood Bank Computer Systems, Inc. (BBCS) certifies
that the following is true and correct:

BBCS and Applied Science, Inc. (Vendor)

worked together to ensure:

The HemoFlow 400XS and Collections Management Reporting Solution (CMRS) BBCS.dll Version 1.2.0.0 (collectively, the "Device") developed by Vendor can interface with the BBCS Primary Application version 5.5, and all modifications thereof within the version 5 series (collectively, the "Software") . This version of CMRS can also interface with ABO Wheels 1.1.0, and all modifications thereof within the version 1.0 series (collectively, the "Software").

The interface for the Device and Software ("Interface") was developed by Vendor pursuant to the BBCS External Device Software Development Kit version 1.0.0.

BBCS tested at least 30 transactions during which the data set forth on the Interface Data description was verified by BBCS and was able to be properly retrieved, transmitted and loaded for display using the Device, Interface and Software together.

After passing the test, BBCS certifies that the Applied Science, Inc. HemoFlow 400XS and Collections Reporting Solution version BBCS.dll Version 1.2.0.0 is compatible with the BBCS Primary Application version 5.5 and ABO Wheels 1.1.0 and will remain compatible through future versions within the version 5 series and version 1.0 series., respectively, and when used together pursuant to the respective operating instructions for each, the HemoFlow 400XS and Collections Management Reporting Solution BBCS.dll Version 1.2.0.0 and the BBCS products stated above are capable of retrieving, transmitting and loading for display the intended and corrected data.

This certification is limited to the Device and Software versions identified herein, and is not applicable to any modified or later version tested, except as expressly provided herein.

Certified Data Elements

Data Elements	Included in Interface	Data Elements	Included in Interface
Unit Number	Certified	Start Draw User	Certified
Donor Number	Certified	Stop Draw User	Certified
Device Model	Certified	Restick	Certified
Device Serial Number	Certified	Donor Reaction	Certified
Draw Start Date/Time	Certified	Draw Volume	Certified
Draw Stop Date/Time	Certified	Bag Lot Number	Certified
Scrub Lot Number	Certified		

APPROVED

BBCS President and Chief Executive Officer

BBCS