



## **EC DECLARATION OF CONFORMITY**

BioSystems S.A., a company placed in Costa Brava 30, 08030 Barcelona (Spain) dedicated to the design, development and manufacturing of *in vitro* diagnostic medical devices,

#### Hereby DECLARES

That the products stated in the annex of five (5) pages joined herewith, meet the applicable provisions of the

## Directive on in Vitro Diagnostic Medical Devices (98/79/EC)

under the specifications declared by BioSystems S.A.

It means that the products:

- complies with all applicable Essential Requirements as set out in the Annex I, and its technical documentation is performed following the requirements of the Annex III
- is classified as Other Device (all devices except Annex II and Self-Testing Devices), that is why the Conformity Assessment follows the procedure stated in the Annex III of the Directive without the intervention of a Notified Body.

Barcelona, November 6th, 2012

Dr. Antonio Elduque Managing director BioSystems S.A.





#### CLINICAL CHEMISTRY - BIOCHEMISTRY:

a-Amylase-Direct a-Amylase-EPS

a-Amylase-Pancreatic

Acid Phosphatase (ACP)

Alanine Aminotransferase (ALT/GPT)

Albumin

Alkaline Phosphatase (ALP)-AMP Alkaline Phosphatase (ALP)-DEA AspartateAminotranferase (AST/GOT)

Bilirubin (direct)

Bilirubin (total and direct)

Bilirubin (total)
Calcium – Arsenazo
Calcium – MTB
Cholesterol
Cholesterol HDL

Cholesterol HDL direct

Cholesterol HDL Precipitating reagent

Cholesterol LDL direct

Cholesterol LDL Precipitating reagent

Cholinesterase (CHE)

Citrate

Creatine Kinase (CK)

Creatine Kinase-MB (CK-MB)

Creatinine Fructosamine Fructose

Fruciose

g-Glutamyltransferase (g-GT)

Glucose

Iron – Chromazurol Iron – Ferrozine Iron Binding Capacity

Lactate Dehydrogenase (LDH)

Lactate Dehydrogenase (LDH) - IFCC

Lipase
Magnesium
Phosphorus
Protein (total)
Protein (urine)
Pyridoxal Phosph

Pyridoxal Phosphate

Triglycerides Urea/BUN-Color Urea/BUN-UV Uric Acid

#### CLINICAL CHEMISTRY - TURBIDIMETRY:

a1-acid Glycoprotein

Albumin (Microalbuminuria)

Anti-Streptolysin O (ASO)

Antithrombin III

Apolipoprotein A-I (Apo A-I) Apolipoprotein B (Apo B)

b2-Microglobulin

Complement Component C3

Complement Component C4

C-Reactive Protein (CRP)

C-Reactive Protein-hs (CRP-hs)

**Ferritin** 

Immunoglobulin A (IgA)
Immunoglobulin G (IgG)

Immunoglobulin M (IgM)

Prealbumin

Rheumatoid Factors (RF)

Transferrin

# CLINICAL CHEMISTRY – MICROCOLUMN CHROMATOGRAPHY:

17-Hydroxycorticosteroids

17-Ketosteroids

5-Aminolevulinic Acid (ALA) /

Porphobilinogen (PBG)

5-Hydroxyindoleacetic acid (5-HIAA)

Hemoglobin A1C

Hemoglobin A2

Metanephrines

Vanilmandelic Acid



#### CLINICAL CHEMISTRY - STANDARDS and CALIBRATORS:

a-1-acid Glycoprotein Standard
Adenosine Deaminase (ADA) Standard
Albumin (Microalbuminuria) Standard
Anti-Streptolysin O (ASO) Standard
Antithrombin III Standard
Apolipoprotein A-I Standard
Apolipoprotein B Standard
b2-Microglobulin Standard
Bilirubin Standard
Biochemistry Calibrator

Biochemistry Calibrator (Human)
Cholesterol HDL/LDL Calibrator
CRP/CRP-hs Standard
Ferritin Standard
Hemoglobin A1C-Turbi (HbA1C-Turbi)
Standard
Prealbumin Standard
Protein Calibrators
Protein (urine) Standard
Rheumatoid Factors (RF) Standard

#### CLINICAL CHEMISTRY - INSTRUMENTS:

A15 A25 BA400 BTS-350

# CLINICAL CHEMISTRY – BIOCHEMISTRY – REAGENTS AUTOMATED SYSTEMS:

a-Amylase-Direct a-Amylase-Pancreatic Adenosine Deaminase (ADA) Alanine Aminotransferase (ALT/GPT) Albumin Alkaline Phosphatase (ALP)-AMP Alkaline Phosphatase (ALP)-DEA

Aspartate Aminotransferase (AST/GOT) Bilirubin (direct)

Calcium-Arsenazo

Bilirubin (total)

Cholesterol

Cholesterol HDL direct Cholesterol LDL direct Creatine Kinase (CK)
Creatine Kinase-MB (CK-MB)
Creatinine
g-Glutamyltransferase (g-GT)
Glucose
Iron Ferrozine
Lactate dehydrogenase (LDH)
Lipase
Magnesium
Phosphorus
Protein (total)
Protein (urine)
Triglycerides

Urea/BUN UV Uric acid



# CLINICAL CHEMISTRY – TURBIDIMETRY – REAGENTS AUTOMATED SYSTEMS:

Albumin (Microalbuminuria)
Anti-Streptolysin O (ASO)
Antithrombin III
Complement Component C3
Complement Component C4
C-Reactive Protein (CRP)
C-Reactive Protein-hs (CRP-hs)

Ferritin
Hemoglobin A1C-Turbi (HbA1C-Turbi)
Immunoglobulin A (IgA)
Immunoglobulin G (IgG)
Immunoglobulin M (IgM)
Rheumatoid Factors (RF)
Transferrin

#### CLINICAL CHEMISTRY - INTERNAL QUALITY CONTROL:

ADA Controls
Biochemistry Control Serum (Human) I
Biochemistry Control Serum (Human) II
Biochemistry Control Serum I
Biochemistry Control Serum II
CK-MB Control Serum
Control Urine
Fertility Biochemistry Control
Hemoglobin A1C Control (Elevated)

Hemoglobin A1C Control (Normal)
Hemoglobin A2 Control
Lipid Control Serum I
Lipid Control Serum II
Protein Control Serum I
Protein Control Serum II
Rheumatoid Control Serum I
Rheumatoid Control Serum II

### AUTOIMMUNITY - IFA (IMMUNOFLUORESCENCE):

Anti-Adrenal Cortex Antibodies (AACA)
Anti-Endomysium Antibodies (AEA)
Anti-Islet Cell Antibodies (AICA)
Anti-Keratin Antibodies (AKA)
Anti-Mitochondrial Antibodies (AMA)
Anti-nDNA antibodies (nDNA)
Anti-Neutrophil Cytoplasmic Antibodies (ANCA)
Anti-Nuclear Antibodies HEp-2 (ANA HEp-2)
Anti-Nuclear Antibodies RL (ANA-RL)
Anti-Skin Antibodies (ASA)
Anti-Smooth Muscle Antibodies (ASMA)
Anti-Striated Muscle Antibodies (ASMA)

Anti-Thyroid Antibodies (ATA)
Autoantibodies DUO-HEp2/ML (DUO-HEp2/ML)
Autoantibodies MsK/MsS (AA-MsK/MsS)
Autoantibodies MsL/MsK/MsS (AA-MsL/MsK/MsS)
Autoantibodies RK/RS (AA-RK/RS)
Autoantibodies RL/RK/RS (AA-RL/RK/RS)
Autoantibodies RL/RK/RS (AA-RL/RK/RS)
Glomerular Basement Membrane
Antibodies (GBMA)



#### AUTOIMMUNITY - ELISA:

ANA Screening
Anti-Annexin V IgG/IgM (ANX)
Anti-b2-Glycoprotein 1 IgG/IgM
(b2GP1)
Anti-Cardiolipin Antibodies (ACA-IgG/IgM)
Anti-Centromere B Antibodies (CENP-B)
Anti-Citrullinated Protein Antibodies
(ACPA)
Anti-Deamidated Gliadin Peptides IgA
(DGP IgA)
Anti-Deamidated Gliadin Peptides IgG

(DGP IgG)
Anti-dsDNA Antibodies
Anti-GBM Antibodies - EIA (GBM)
Anti-Gliadin Antibodies (AGA-IgG/IgA)
Anti-Histones Antibodies (HIST)
Anti-Insulin Antibodies (INS)
Anti-Jo1 Antibodies
Anti-M2 Antibodies (M2)

Anti-MPO Antibodies Anti-Nucleosome Antibodies (NCL) Anti-Phospholipid IgG/IgM (APLA) Anti-PR3 Antibodies Anti-Ribosomal P Antibodies (Rib P) Anti-Scl70 Antibodies Anti-Sm Antibodies Anti-Sm/RNP Antibodies Anti-SSA (Ro) Antibodies Anti-SSB (La) Antibodies Anti-Thyroglobulin Antibodies (Anti-Tg) Anti-Thyroid Peroxidase Antibodies (Anti-TPO) Anti-tTransglutaminase IgA Antibodies (Anti-tTG IgA) Anti-tTransglutaminase IgG Antibodies (Anti-tTG IgG) ASCA-IgG/IgA (ASCA) **ENA 4-Profile ENA 6-Screening** 

# AUTOINMUNIDAD - INSTRUMENTOS: AUTOIMMUNITY - INSTRUMENTS:

**iPRO** 



#### RAPID TESTS - LATEX AGGLUTINATION:

Anti-Streptolysin O (ASO) - Slide C-Reactive Protein (CRP) - Slide Rheumatoid factors (RF) - Slide

#### INFECTIOUS IMMUNOLOGY - SYPHILIS:

RPR-Carbon

**TPHA** 

#### INFECTIOUS IMMUNOLOGY - FEBRILE ANTIGENS:

Febrile Serodiagnostics Multiscreening Febrile Serodiagnostics Salmonella

Brucella abortus

Brucella abortus, Rose Bengal

Proteus Ox19

Salmonella paratyphi AH

Salmonella paratyphi AO

Salmonella paratyphi BH

Salmonella paratyphi BO

Salmonella paratyphi CH

Salmonella paratyphi CO

Salmonella typhi H

Salmonella typhi O

Brucella Positive Control

Proteus Positive Control

Salmonella Positive Control

Serology Negative Control

# Certificate

Standard

ISO 9001:2015

Certificate Registr. No.

01 100 6696

Certificate Holder:

**BIOSYSTEMS S.A.** 

Costa Brava, 30 08030 Barcelona

Spain

(including the locations according to annex)

Scope:

Design, development, manufacture, distribution, installation and

servicing of:

- Instruments and reagents for clinical diagnostic.

- Instruments and reagents for agro-alimentary analysis. Distribution and servicing of instruments and reagents for

veterinary diagnosis.

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity:

The certificate is valid from 2017-12-13 until 2019-12-18.

First certification 1996

2017-12-14

TÜV Rheinland Cert GmbH Am Grauen Stein · 51105 Köln











# Annex to certificate

Standard

ISO 9001:2015

Certificate Registr. No.

01 100 6696

A	
N	$\mathbf{a}$
v	·-

#### Location

#### Scope

/01

BIOSYSTEMS, S.A.

PI. Can Tapioles naus 7-12-13

08110 Montcada i Reixac

Spain

Labelling and assembling of reagents.

Warehousing and shipment

of:

-Instruments and Reagents

for clinical diagnostic.

-Instruments and Reagents for agro-alimentary analysis.

-Instruments and Reagents for veterinary diagnosis.

2017-12-14

TÜV Rheinland Cert GmbH Am Grauen Stein · 51105 Köln

Page 1 of 1



# Certificate

The Certification Body of TÜV Rheinland LGA Products GmbH

hereby certifies that the organization

BIOSYSTEMS S.A. Costa Brava 30 08030 Barcelona Spain

has established and applies a quality management system for medical devices for the following scope:

Design and development, manufacture, distribution and servicing of instruments and reagents for clinical diagnostic (see attachment for sites included)

Proof has been furnished that the requirements specified in

EN ISO 13485:2016

are fulfilled. The quality management system is subject to yearly surveillance.

Effective Date:

2017-11-28

Certificate Registration No.:

SX 60124804 0001

An audit was performed. Report No.: 28300434 002

This Certificate is valid until:

2019-12-12

Certification Body



Date 2017-11-28



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Tel.: +49 221 806-1371 Fax: +49 221 806-3935 e-mail cert-validity@de.tuv.com http://www.tuv.com/safety



Doc. 1/1, Rev. 0

# TÜV Rheinland LGA Products GmbH Tillystraße 2, 90431 Nürnberg

Attachment to Certificate

Registration No.: Report No.:

SX 60124804 0001 28300434 002

Organization:

BIOSYSTEMS S.A. Costa Brava 30

08030 Barcelona

Spain

Scope:

Site included:

Polígono Industrial "Can Tapioles"

Naves 7, 12 y 13

08110 Montcada i Reixac (Barcelona)

Spain

Scope:

Labelling and Assembling of reagents and Warehousing and Shipment of instruments and

reagents for clinical diagnostic

**Certification Body** 



Date: 2017-11-28



Declaration of Conformity V 1.0

# **Declaration of Conformity**



Manufacturer:

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Mindray Building, Keji 12th Road South, Hi-tech Industrial

Park, Nanshan, Shenzhen, 518057, P. R. China

EC-Representative:

Shanghai International Holding Corp. GmbH (Europe)

Eiffestraße 80

20537 Hamburg, Germany

Product:

**Auto Hematology Analyzer** 

Model:

BC-5000

Including reagents as following:

M-52D DILUENT M-52DIFF LYSE M-52LH LYSE

PROBE CLEANSER

Classification:

The device not in IVDD annex II and not for self

testing/performance evaluation

Conformity Assessment Route: IVDD Annex III(excluding Section 6)

We herewith declare that the above mentioned products meet the provisions of the Directive 98/79/EC on In Vitro Diagnostic Medical Devices. All supporting documentations are retained under the premises of the manufacturer.

#### Standards Applied:

List of (harmonized) standards for which documented evidence for compliance can be provided as attachment.

Start of CE-Marking: 2013-9-26

Place, Date of Issue:

Shenzhen, 2013-9-26

Signature:

Name of Authorized Signatory:

Mr.tan ChuanBin

Position Held in Company:

Manager, Technical Regulation

# **Declaration of Conformity**



Manufacturer: Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Mindray Building, Keji 12th Road South, Hi-tech Industrial

Park, Nanshan, Shenzhen, 518057, P. R. China

**EC-Representative:** Shanghai International Holding Corp. GmbH (Europe)

Eiffestraße 80

20537 Hamburg, Germany

Product: Auto Hematology Analyzer

Model: BC-5150

Including reagents as following:

M-52D DILUENT M-52DIFF LYSE M-52LH LYSE

PROBE CLEANSER

Classification: The device not in IVDD annex II and not for self

testing/performance evaluation

Conformity Assessment Route: IVDD Annex III(excluding Section 6)

We herewith declare that the above mentioned products meet the provisions of the Directive 98/79/EC on In Vitro Diagnostic Medical Devices. All supporting documentations are retained under the premises of the manufacturer.

#### Standards Applied:

Signature:

List of (harmonized) standards for which documented evidence for compliance can be provided as attachment.

Start of CE-Marking: 2013-9-26

Place, Date of Issue: Shenzhen, 2013-9-26

v

Name of Authorized Signatory: Mr.tan ChuanBin

Position Held in Company: Manager ,Technical Regulation

#### Declaration of Conformity V 1.0

### **Applied Standards List**

Product: Auto Hematology Analyzer

BC-5150、BC-5000

Including reagents as following:

M-52D DILUENT M-52DIFF LYSE M-52LH LYSE

**PROBE CLEANSER** 

#### **Applied Standards:**

EN ISO 18113-1:2009 In vitro diagnostic medical devices —Information supplied by the

manufacturer(labelling) Part 1: Terms, definitions and general requirements

ENISO 18113-2:2009 I In vitro diagnostic medical devices - Information supplied by the manufacturer

(labelling) - Part 2: In vitro diagnostic reagents for professional use

EN ISO 18113-3:2009 In vitro diagnostic medical devices — Information supplied by the

manufacturer (labeling.) Part 3: In vitro diagnostic instruments for professional

use

EN ISO 15223-1:2012 Medical devices — Symbols to be used with medical device labels,

labelling and information to be supplied—Part 1: General requirements

EN 13612: 2002 Performance evaluation of in vitro diagnostic medical devices

ISO 14971:2012 Medical devices – Application of risk management to medical devices

EN 61010-1:2001 Safety requirements for electrical equipment for measurement, control, and

laboratory use Part 1: General requirement

EN 61010-2-081:2002+A1: Safety requirements for electrical equipment for measurement, control and

2003+A1: 2003 laboratory use - Part 2-081: Particular requirements for automatic and

semi-automatic laboratory equipment for analysis and other purposes

EN 61010-2-101: 2002 Safety requirements for electrical equipment for measurement, control, and

laboratory use - Part 2-101: Particular requirements for in vitro diagnostic (IVD)

medical equipment

IEC 61010-2-010: 2005 Safety requirements for electrical equipment for measurement, control and

laboratory use - Part 2-010: Particular requirements for laboratory equipment

for the heating of materials

EN 61326-1:2006 Electrical equipment for measurement, control and laboratory use - EMC

requirements - Part 1: General requirements

EN 61326-2-6:2006 Electrical equipment for measurement, control and laboratory use - EMC

requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD)

medical equipment

EN 62304:2008 Medical device software- Software life cycle processes

EN 62366:2008 Medical devices — Application of usability engineering to medical devices

EN 13640: 2002 Stability testing of in vitro diagnostic medical devices

DAKKS CRT2 / 10.13



### CERTIFICATE

No. Q5 17 03 44751 089

Holder of Certificate: **Shenzhen Mindray Bio-Medical** 

**Electronics Co., Ltd.** 

Mindray Building Keji 12th Road South High-Tech Industrial Park

Nanshan

518057 Shenzhen

PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Scope of Certificate: Design and development,

production and distribution of

Active medical devices (intended) for monitoring, diagnosis, anesthesia, breathing and intensive care;

In-vitro diagnostic instruments;

Non-active accessories

for breathing therapy and anesthesia;

In-vitro diagnostic reagents and kits (intended)

for hematology, clinical chemistry, immunology and cell analysis

(For detail information see following pages)

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). See also notes overleaf.

SH1705528 Report No.:

2017-09-01 Valid from: Valid until: 2020-08-31

Date. 2017-06-28

Stefan Preiß









**CERTIFICATE** No. Q5 17 03 44751 089

Applied Standard(s): EN ISO 13485:2016

Medical devices - Quality management systems -

Requirements for regulatory purposes

(ISO 13485:2016) DIN EN ISO 13485:2016

Facility(ies): Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

> Mindray Building, Keji 12th Road South, High-Tech Industrial Park, Nanshan, 518057 Shenzhen, PEOPLE'S

REPUBLIC OF CHINA

Shenzhen Mindray Bio-Medical Electronics Co., Ltd. Bldg 9-13, Baiwangxin High-Tech Industrial Park, Baimang, Xili Town, Nanshan, 518108 Shenzhen,

PEOPLE'S REPUBLIC OF CHINA

Shenzhen Mindray Biomedical Electronics Co., Ltd. 1203 Nanhuan Avenue, Guangming District, 518106

Shenzhen, PEOPLE'S REPUBLIC OF CHINA







### Attachment for Certificate No. Q5 17 03 44751 089

Dated: 2017-06-28

For the product(s)/product category (ies):

Patient Monitor and Accessories, Vital Signs Monitor, Center Monitoring System, Telemetry Monitoring System, Pulse Oximeter, Temperature Probe, Flow Sensor, Ambulatory Blood pressure Monitor, Defibrillator/Monitor and Accessories, Electrocardiograph, Wearable ECG Recorder.

Anesthesia Machine and Accessories, Ventilator,

Infusion Pump, Syringe Pump, Enteral Feeding Pump, Infusion Supervision System,

Ultrasonic Diagnostic Equipment and Accessories,

Digital Radiography System, Radiography System, Magnetic Resonance Imaging System

Hematology Analyzer, Clinical Chemistry Analyzer, Urine Analyzer, Microplate Reader,

Microplate Washer for invitro diagnostic use, Chemiluminescence Immunossay Analyzer,

Flow Cytometer, (Auto) Sample Processing System, Auto Slide Maker&Stainer,

Glycohemoglobin Analyzer, Specific Protein Analyzer,

Reagents for Hematology Analyzer, Reagents for Clinical Chemistry Analyzer,

Chemiluminescence Immunoassay Reagents, Chemiluminescence Immunoassay Calibrators and Controls, Reagents for Flow Cytometer, Reagents for Glycohemoglobin Analyzer,

Calibrators and Controls for Glycohemoglobin Analyzer,

Disposable Anesthesia Mask, Reusable Anesthesia Mask, Respiratory Mask,

Disposable Breathing Circuit, Reusable Breathing Circuit, Heat and Moisture Exchanger,

Filter, Breathing Bag

Munich, CRT, 2017-06-28

1. Punil

Stefan Preiß

Page 3 of 3







# CERTIFICATE

No. QS5 17 07 44751 097

**Certificate Holder:** 

Shenzhen Mindrav Bio-Medical

Electronics Co., Ltd. Mindray Building Keji 12th Road South High-Tech Industrial Park

Nanshan

518057 Shenzhen

PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:** 





**Scope of Certificate:** 

Design and Development, Production and Distribution of Medical Electronic Equipment (Including Patient Monitor and Accessories, Vital Signs Monitor, Center Monitoring System, Telemetry Monitoring System, Pulse Oximeter, Temperature Probe, Flow Sensor, Ambulatory Blood Pressure Monitor, Defibrillator/Monitor and Accessories. Electrocardiograph, Wearable ECG Recorder, Anesthesia Machine and Accessories, Ventilator, Infusion Pump, Syringe Pump, Enteral Feeding Pump, Infusion Supervision System, Ultrasonic Diagnostic Equipment and Accessories, Digital Radiography System, Radiography System, Magnetic Resonance Imaging System, Hematology Analyzer, Clinical Chemistry Analyzer, Urine Analyzer, Microplate Reader, Microplate Washer for Invitro Diagnostic Use, Chemiluminescence Immunossay Analyzer, Flow Cytometer, (Auto) Sample Processing System, Auto Slide Maker & Stainer, Glycohemoglobin Analyzer, Specific Protein Analyzer), Reagents for Hematology Analyzer, Reagents for Clinical Chemistry Analyzer, Chemiluminescence Immunoassay Reagents, Chemiluminescence Immunoassav Calibrators and Controls, Reagents for Flow Cytometer, Reagents for Glycohemoglobin Analyzer, Calibrators and Controls for Glycohemoglobin Analyzer, Disposable Anesthesia Mask, Reusable Anesthesia Mask, Respiratory Mask, Disposable Breathing Circuit, Reusable Breathing Circuit, Heat and Moisture Exchanger,

Standard(s):

ISO 9001:2015

The Certification Body of TÜV SÜD America Inc. certifies that the company mentioned above has established and is maintaining a quality management system that meets the requirements of the listed standards.

Report No.:

M2606

**Effective Date:** 

2017-07-01

**Expiry Date:** 

2020-06-30

Earl Buckmiller

Page 1 of 3

Director, Quality Systems & MS Cert. Body

Rudmiller

TÜV SÜD America Inc. 10 Centennial Drive Peabody, MA 01960 USA





405276821864



## CERTIFICATE

No. QS5 17 07 44751 097

Shenzhen Mindray Bio-Medical Electronics Co., Ltd. Mindray Building Keji 12th Road South High-Tech Industrial Park Nanshan, 518057 Shenzhen PEOPLE'S REPUBLIC OF CHINA

Design and Development, Production and Distribution of Medical Electronic Equipment (Including Patient Monitor and Accessories, Vital Signs Monitor, Center Monitoring System, Telemetry Monitoring System, Pulse Oximeter, Temperature Probe, Flow Sensor, Ambulatory Blood pressure Monitor, Defibrillator/Monitor and Accessories, Electrocardiograph, Wearable ECG Recorder, Anesthesia Machine and Accessories, Ventilator, Infusion Pump, Syringe Pump, Enteral Feeding Pump, Infusion Supervision System, Ultrasonic Diagnostic Equipment and Accessories, Digital Radiography System, Radiography System, Magnetic Resonance Imaging System, Hematology Analyzer, Clinical Chemistry Analyzer, Urine Analyzer, Microplate Reader, Microplate Washer for Invitro Diagnostic Use, Chemiluminescence Immunossay Analyzer, Flow Cytometer, (Auto) Sample Processing System, Auto Slide Maker & Stainer, Glycohemoglobin Analyzer, Specific Protein Analyzer), Reagents for Hematology Analyzer, Reagents for Clinical Chemistry Analyzer, Chemiluminescence Immunoassay Reagents, Chemiluminescence Immunoassav Calibrators and Controls, Reagents for Flow Cytometer, Reagents for Glycohemoglobin Analyzer, Calibrators and Controls for Glycohemoglobin Analyzer, Disposable Anesthesia Mask, Reusable Anesthesia Mask, Respiratory Mask, Disposable Breathing Circuit, Reusable Breathing Circuit, Heat and Moisture Exchanger, Filter, Breathing Bag

Shenzhen Mindray Bio-Medical Electronics Co., Ltd. Bldg 9-13, Baiwangxin High-Tech Industrial Park Baimang, Xili Town Nanshan, 518108 Shenzhen PEOPLE'S REPUBLIC OF CHINA

Design and Development, Manufacturing of Patient Monitor and Accessories, Vital Signs Monitor, Center Monitoring System, Telemetry Monitoring System, Pulse Oximeter, Temperature Probe, Flow Sensor, Ambulatory Blood Pressure Monitor, Defibrillator/Monitor and Accessories, Electrocardiograph, Wearable ECG Recorder, Anesthesia Machine, Ventilator, Ultrasonic Diagnostic Equipment and Accessories, Digital Radiography System, Radiography System, Magnetic Resonance Imaging System. Disposable Anesthesia Mask, Reusable Anesthesia Mask, Respiratory Mask, Disposable Breathing Circuit, Reusable Breathing Circuit, Heat and Moisture Exchanger, Filter, Breathing Bag

**Effective Date:** 

2017-07-01

**Expiry Date:** 

2020-06-30

Earl Buckmiller

Director, Quality Systems & MS Cert. Body

Youl Buckmiller

Page 2 of 3

TÜV SÜD America Inc. 10 Centennial Drive Peabody, MA 01960 USA







## CERTIFICATE

No. QS5 17 07 44751 097

Shenzhen Mindray Bio-Medical Electronics Co., Ltd. 1203 Nanhuan Avenue Guangming District 518016 Shenzhen PEOPLE'S REPUBLIC OF CHINA

Design and Development, Production and Distribution of Medical Electronic Equipment (Including Patient Monitor and Accessories, Vital Signs Monitor, Center Monitoring System, Telemetry Monitoring System, Pulse Oximeter, Temperature Probe, Flow Sensor, Ambulatory Blood Pressure Monitor, Defibrillator/Monitor and Accessories, Electrocardiograph, Wearable ECG Recorder, Anesthesia Machine and Accessories, Ventilator, Infusion Pump, Syringe Pump, Enteral Feeding Pump, Infusion Supervision System, Ultrasonic Diagnostic Equipment and Accessories (Ultrasonic Transducer), Digital Radiography System, Radiography System, Magnetic Resonance Imaging System, Hematology Analyzer, Clinical Chemistry Analyzer, Urine Analyzer, Microplate Reader, Microplate Washer for Invitro Diagnostic Use, Chemiluminescence Immunossay Analyzer, Flow Cytometer, (Auto) Sample Processing System, Auto Slide Maker & Stainer, Glycohemoglobin Analyzer, Specific Protein Analyzer), Reagents for Hematology Analyzer, Reagents for Clinical Chemistry Analyzer, Chemiluminescence Immunoassay Reagents, Chemiluminescence Immunoassav Calibrators and Controls, Reagents for Flow Cytometer, Reagents for Glycohemoglobin Analyzer, Calibrators and Controls for Glycohemoglobin Analyzer, Disposable Anesthesia Mask, Reusable Anesthesia Mask, Respiratory Mask, Disposable Breathing Circuit, Reusable Breathing Circuit, Heat and Moisture Exchanger, Filter, Breathing Bag

Effective Date: Expiry Date:

2017-07-01 2020-06-30

Earl Buckmiller

Director, Quality Systems & MS Cert. Body

Gal Buckmiller

Page 3 of 3

TÜV SÜD America Inc. 10 Centennial Drive Peabody, MA 01960 USA



