

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: ALBUMIN

Catalog: A7502

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	43
TEST NAME:	ALBUMIN
TEST MNEMONIC:	ALB
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	3 UL
SAMPLE DILUENT:	37 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	190 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	0 M

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	20 SEC
INTERVAL TIME:	25 SEC
NO. OF DATA POINTS:	2
FILTER 1:	690 NM
FILTER 2:	620 NM
MONOCHROMATOR 1:	690 NM
MONOCHROMATOR 2:	620 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	3.5
UPPER LIMIT:	5.3

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	**
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	G/DL
NO. OF DEC PLACES:	1

**ENTER CONCENTRATION OF STANDARD BEING USED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: ALKALINE PHOSPHATASE

Catalog: A7505, A7516

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: 1
TEST NAME: ALKALINE
PHOSPHATASE
TEST MNEMONIC: ALP
OPTICAL MODE: ABSORBANCE
RESPONSE ALGORITHM: SLOPE
RESULT ALGORITHM: FACTOR

LOADING PARAMETERS

LOADING TYPE: LOAD
ANALYZE:
RELOAD:
REAGENT BLANK: OFF
REFERENCE TYPE: DILUENT
CALIBRATION TYPE:
SAMPLE VOLUME: 10 UL
SAMPLE DILUENT: 30 UL
REAGENT DILUENT: 10 UL
1ST REAGENT: 200 UL
2ND REAGENT: 0 UL
1ST RGT BAR CODE: 00

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
RUN
TEMPERATURE: 30C
EARLY TIME: 10 SEC
DELAY TIME: 35 SEC
INTERVAL TIME: 15 SEC
NO. OF DATA POINTS: 11
FILTER 1: 405 NM
FILTER 2: 405 NM
MONOCHROMATOR 1: 405 NM
MONOCHROMATOR 2: 405 NM
COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
SUBSTRATE
DEPLETION

INTEGRITY PARAMETERS

SLOPE: POSITIVE
MAX DELTA ABS/IN 1.8
MAX SE: 0.008
LOWER LIMIT: 35.0
UPPER LIMIT: 123.0

DATA FIT PARAMETERS

CALIBRATOR A:
CALIBRATOR B:
CALIBRATOR C:
CORRECTION MODE:
FACTOR: 1792.0*
UNITS: IU/L
NO. OF DEC PLACES: 0

*FACTOR MAY NEED ADJUSTMENT FRO EACH
INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be
assayed daily. Reorder PSI Chemistry Controls
Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: ALT/SGPT

Catalog: A7525, A7526

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	3
TEST NAME:	ALT/SGPT
TEST MNEMONIC:	ALT
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	20 UL
SAMPLE DILUENT:	25 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	02

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	5 SEC
DELAY TIME:	85 SEC
INTERVAL TIME:	30 SEC
NO. OF DATA POINTS:	11
FILTER 1:	340 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	340 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	NEGATIVE
MAX DELTA ABS/IN	0.45
MAX SE:	0.005
LOWER LIMIT:	0.0
UPPER LIMIT:	26.0

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	2755.0*
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: AMYLASE (CNP3)

Catalog: A7564

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	8
TEST NAME:	AMYLASE (CNP3)
TEST MNEMONIC:	AMY
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	4 UL
SAMPLE DILUENT:	35 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	07

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	37C**
EARLY TIME:	10 SEC
DELAY TIME:	35 SEC
INTERVAL TIME:	15 SEC
NO. OF DATA POINTS:	11
FILTER 1:	405 NM
FILTER 2:	405 NM
MONOCHROMATOR 1:	405 NM
MONOCHROMATOR 2:	405 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	1.8
MAX SE:	0.008
LOWER LIMIT:	25
UPPER LIMIT:	125

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

**ASSAY TEMPERATURE SET TO 37C

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: AST/SGOT

Catalog: A7560, A7561

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	2
TEST NAME:	AST/SGOT
TEST MNEMONIC:	AST
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	15 UL
SAMPLE DILUENT:	25 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	01

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	5 SEC
DELAY TIME:	85 SEC
INTERVAL TIME:	30 SEC
NO. OF DATA POINTS:	11
FILTER 1:	340 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	340 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	NEGATIVE
MAX DELTA ABS/IN	0.38
MAX SE:	0.005
LOWER LIMIT:	0.0
UPPER LIMIT:	28.0

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	2881.0*
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: TOTAL BILIRUBIN
Catalog: B7576

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	41
TEST NAME:	TOTAL BILIRUBIN
TEST MNEMONIC:	BILI T
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	20 UL
SAMPLE DILUENT:	30 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	32

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	255 SEC
INTERVAL TIME:	55 SEC
NO. OF DATA POINTS:	2
FILTER 1:	620 NM
FILTER 2:	550 NM
MONOCHROMATOR 1:	620 NM
MONOCHROMATOR 2:	550 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	0.2
UPPER LIMIT:	1.2

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	**
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: UREA NITROGEN
Catalog: B7550, B7552

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	12
TEST NAME:	UREA NITROGEN
TEST MNEMONIC:	UREAN
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	2 UL
SAMPLE DILUENT:	38 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	0B

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	25 SEC
INTERVAL TIME:	60 SEC
NO. OF DATA POINTS:	2
FILTER 1:	340 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	340 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	NEGATIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	7.0
UPPER LIMIT:	18.0

DATA FIT PARAMETERS

CALIBRATOR A:	**
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	0

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: CALCIUM (ARSENAZO)

Catalog: C7529

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	44
TEST NAME:	CALCIUM (ARSENAZO)
TEST MNEMONIC:	CA
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	2 UL
SAMPLE DILUENT:	10 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	2R

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	120 SEC
INTERVAL TIME:	15 SEC
NO. OF DATA POINTS:	2
FILTER 1:	650 NM
FILTER 2:	690 NM
MONOCHROMATOR 1:	650 NM
MONOCHROMATOR 2:	690 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	8.5
UPPER LIMIT:	10.4

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	**
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: CARBON DIOXIDE
Catalog: C7504

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	USER DEFINED
TEST NAME:	CARBON DIOXIDE
TEST MNEMONIC:	CO2
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	2 UL
SAMPLE DILUENT:	38 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	-

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	240 SEC
INTERVAL TIME:	30 SEC
NO. OF DATA POINTS:	2
FILTER 1:	380 NM
FILTER 2:	380 NM
MONOCHROMATOR 1:	380 NM
MONOCHROMATOR 2:	380 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	NEGATIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	23
UPPER LIMIT:	34

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	**
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MMOL/L
NO. OF DEC PLACES:	0

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: CHOLESTEROL
Catalog: C7509, C7510

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: 16
TEST NAME: CHOLESTEROL
TEST MNEMONIC: CHOL
OPTICAL MODE: ABSORBANCE
RESPONSE ALGORITHM: FINAL-INITIAL
RESULT ALGORITHM: LINEAR

LOADING PARAMETERS

LOADING TYPE: LOAD
ANALYZE:
RELOAD:
REAGENT BLANK: ON
REFERENCE TYPE: DILUENT
CALIBRATION TYPE: MULTI-COMPNT (1)
SAMPLE VOLUME: 2 UL
SAMPLE DILUENT: 38 UL
REAGENT DILUENT: 10 UL
1ST REAGENT: 200 UL
2ND REAGENT: 0 UL
1ST RGT BAR CODE: Z9

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
RUN
TEMPERATURE: 30C
EARLY TIME:
DELAY TIME: 215 SEC
INTERVAL TIME: 30 SEC
NO. OF DATA POINTS: 2
FILTER 1: 690 NM
FILTER 2: 500 NM
MONOCHROMATOR 1: 690 NM
MONOCHROMATOR 2: 500 NM
COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE: POSITIVE
MAX DELTA ABS/IN
MAX SE:
LOWER LIMIT: 120.0
UPPER LIMIT: 240.0

DATA FIT PARAMETERS

CALIBRATOR A:
CALIBRATOR B: **
CALIBRATOR C:
CORRECTION MODE: NONE
FACTOR:
UNITS: MG/DL
NO. OF DEC PLACES: 0

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: CK/CPK

Catalog: C7512, C7522

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	5
TEST NAME:	CK/CPK
TEST MNEMONIC:	CK
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	8 UL
SAMPLE DILUENT:	32 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	04

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	5 SEC
DELAY TIME:	160 SEC
INTERVAL TIME:	15 SEC
NO. OF DATA POINTS:	10
FILTER 1:	340 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	340 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	1.5
MAX SE:	0.005
LOWER LIMIT:	10.0
UPPER LIMIT:	109.0

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	5402.0*
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: CK-MB

Catalog: C7562

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	5
TEST NAME:	CK-MB
TEST MNEMONIC:	CKMB
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	16 UL
SAMPLE DILUENT:	32 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	04

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	5 SEC
DELAY TIME:	300 SEC
INTERVAL TIME:	15 SEC
NO. OF DATA POINTS:	10
FILTER 1:	340 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	340 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	1.5
MAX SE:	0.005
LOWER LIMIT:	0
UPPER LIMIT:	22

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	5402.0*
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be assayed daily.

Rev. non-validated application12/05

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: CREATININE SERUM

Catalog: C7539

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	13
TEST NAME:	CREATININE
SERUM	
TEST MNEMONIC:	CRE-S
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	9 UL
SAMPLE DILUENT:	21 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	0C

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX
	RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	30 SEC
INTERVAL TIME:	195 SEC
NO. OF DATA POINTS:	2
FILTER 1:	520 NM
FILTER 2:	520 NM
MONOCHROMATOR 1:	520 NM
MONOCHROMATOR 2:	520 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE
	NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	0.7
UPPER LIMIT:	1.5

DATA FIT PARAMETERS

CALIBRATOR A:	**
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: GGT/GGTP

Catalog: G7570, G7571

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	6
TEST NAME:	GT/GGTP
TEST MNEMONIC:	GGT
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	10 UL
SAMPLE DILUENT:	25 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	05

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	10 SEC
DELAY TIME:	50 SEC
INTERVAL TIME:	30 SEC
NO. OF DATA POINTS:	11
FILTER 1:	405 NM
FILTER 2:	405 NM
MONOCHROMATOR 1:	405 NM
MONOCHROMATOR 2:	405 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	0.6
MAX SE:	0.008
LOWER LIMIT:	0.0
UPPER LIMIT:	45.0

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	3326.0*
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: GLUCOSE

Catalog: G7517, G7518

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: 10
TEST NAME: GLUCOSE
TEST MNEMONIC: GLU
OPTICAL MODE: ABSORBANCE
RESPONSE ALGORITHM: FINAL-INITIAL
RESULT ALGORITHM: LINEAR

LOADING PARAMETERS

LOADING TYPE: LOAD
ANALYZE:
RELOAD:
REAGENT BLANK: ON
REFERENCE TYPE: DILUENT
CALIBRATION TYPE: MULTI-COMPNT (1)
SAMPLE VOLUME: 3 UL
SAMPLE DILUENT: 37 UL
REAGENT DILUENT: 10 UL
1ST REAGENT: 200 UL
2ND REAGENT: 0 UL
1ST RGT BAR CODE: 09

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
RUN
TEMPERATURE: 30C
EARLY TIME:
DELAY TIME: 210 SEC
INTERVAL TIME: 10 SEC
NO. OF DATA POINTS: 2
FILTER 1: 380 NM
FILTER 2: 340 NM
MONOCHROMATOR 1: 380 NM
MONOCHROMATOR 2: 340 NM
COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE: POSITIVE
MAX DELTA ABS/IN
MAX SE:
LOWER LIMIT: 65.0
UPPER LIMIT: 110.0

DATA FIT PARAMETERS

CALIBRATOR A: **
CALIBRATOR B:
CALIBRATOR C:
CORRECTION MODE: NONE
FACTOR:
UNITS: MG/DL
NO. OF DEC PLACES: 0

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: GLUCOSE

Catalog: G7519, G7521

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	USER DEFINED
TEST NAME:	GLUCOSE
TEST MNEMONIC:	GLU-OX
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	2 UL
SAMPLE DILUENT:	38 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	-

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	300 SEC
INTERVAL TIME:	10 SEC
NO. OF DATA POINTS:	2
FILTER 1:	520 NM
FILTER 2:	520 NM
MONOCHROMATOR 1:	520 NM
MONOCHROMATOR 2:	520 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	75
UPPER LIMIT:	105

DATA FIT PARAMETERS

CALIBRATOR A:	**
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	0

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: LACTATE

Catalog: L7596

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	USER DEFINED
TEST NAME:	LACTATE
TEST MNEMONIC:	LAC
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	TEST SPECIFIC
SAMPLE VOLUME:	2 UL
SAMPLE DILUENT:	38 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	-

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	37C
EARLY TIME:	
DELAY TIME:	500 SEC
INTERVAL TIME:	30 SEC
NO. OF DATA POINTS:	2
FILTER 1:	690 NM
FILTER 2:	570 NM
MONOCHROMATOR 1:	690 NM
MONOCHROMATOR 2:	570 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	0
UPPER LIMIT:	20

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	**
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MMOL/L
NO. OF DEC PLACES:	1

PREPARE WORKING REAGENT AS STATED IN PACKAGE INSERT INSTRUCTION.

**ENTER CONCENTRATION OF STANDARD BEING USED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: LDL/LDH L

Catalog: L7535, L7572

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	4
TEST NAME:	LDL/LDH L
TEST MNEMONIC:	LDL
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	FACTOR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	OFF
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	
SAMPLE VOLUME:	7 UL
SAMPLE DILUENT:	33 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	T3

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	5 SEC
DELAY TIME:	25 SEC
INTERVAL TIME:	15 SEC
NO. OF DATA POINTS:	11
FILTER 1:	340 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	340 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	0.3
MAX SE:	0.005
LOWER LIMIT:	50.0
UPPER LIMIT:	166.0

DATA FIT PARAMETERS

CALIBRATOR A:	
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	
FACTOR:	6174.0*
UNITS:	IU/L
NO. OF DEC PLACES:	0

*FACTOR MAY NEED ADJUSTMENT FRO EACH INDIVIDUAL INSTRUMENT

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: LIPASE (COLOR)
Catalog: L7503

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	USER DEFINED
TEST NAME:	LIPASE (COLOR)
TEST MNEMONIC:	LIPASE
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	SLOPE
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	ANALYZE
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	TEST SPECIFIC
SAMPLE VOLUME:	4 UL
SAMPLE DILUENT:	10 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	165 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	-

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30 OR 37C
EARLY TIME:	5 SEC
DELAY TIME:	180 SEC
INTERVAL TIME:	15 SEC
NO. OF DATA POINTS:	9
FILTER 1:	550 NM
FILTER 2:	550 NM
MONOCHROMATOR 1:	550 NM
MONOCHROMATOR 2:	550 NM
COMPATIBILITY:	NONE

1ST RGT=SUBSTRATE, 3RD=ACTIVATOR

**ENTER CONCENTRATION OF STANDARD BEING USED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE SUBSTRATE
DEPLETION	

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	0.40
MAX SE:	0.01
LOWER LIMIT:	0 (30 OR 37C)
UPPER LIMIT:	45(30C) 62(37C)

DATA FIT PARAMETERS

CALIBRATOR A:	**
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	IU/L
NO. OF DEC PLACES:	0

Rev. 1/03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: MAGNESIUM

Catalog: M7527

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: 20
TEST NAME: MAGNESIUM
TEST MNEMONIC: MG
OPTICAL MODE: ABSORBANCE
RESPONSE ALGORITHM: FINAL-INITIAL
RESULT ALGORITHM: LINEAR

LOADING PARAMETERS

LOADING TYPE: LOAD
ANALYZE:
RELOAD:
REAGENT BLANK: ON
REFERENCE TYPE: DILUENT
CALIBRATION TYPE: MULTI-COMPNT (1)
SAMPLE VOLUME: 3 UL
SAMPLE DILUENT: 37 UL
REAGENT DILUENT: 10 UL
1ST REAGENT: 200 UL
2ND REAGENT: 0 UL
1ST RGT BAR CODE: T1

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
RUN
TEMPERATURE: 30C
EARLY TIME:
DELAY TIME: 15 SEC
INTERVAL TIME: 15 SEC
NO. OF DATA POINTS: 2
FILTER 1: 690 NM
FILTER 2: 520 NM
MONOCHROMATOR 1: 690 NM
MONOCHROMATOR 2: 520 NM
COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE: POSITIVE
MAX DELTA ABS/IN
MAX SE:
LOWER LIMIT: 1.3
UPPER LIMIT: 2.5

DATA FIT PARAMETERS

CALIBRATOR A:
CALIBRATOR B: **
CALIBRATOR C:
CORRECTION MODE: NONE
FACTOR:
UNITS: MG/DL
NO. OF DEC PLACES: 1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: PHOSPHORUS
Catalog: P7516

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	40
TEST NAME:	PHOSPHORUS
TEST MNEMONIC:	PHOS
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	5 UL
SAMPLE DILUENT:	36 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	150 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	0J

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	300 SEC
INTERVAL TIME:	30 SEC
NO. OF DATA POINTS:	2
FILTER 1:	380 NM
FILTER 2:	340 NM
MONOCHROMATOR 1:	380 NM
MONOCHROMATOR 2:	340 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	2.5
UPPER LIMIT:	4.8

DATA FIT PARAMETERS

CALIBRATOR A:	**
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: TOTAL PROTEIN
Catalog: T7528

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: 42
TEST NAME: TOTAL PROTEIN
TEST MNEMONIC: TP
OPTICAL MODE: ABSORBANCE
RESPONSE ALGORITHM: FINAL-INITIAL
RESULT ALGORITHM: LINEAR

LOADING PARAMETERS

LOADING TYPE: LOAD
ANALYZE:
RELOAD:
REAGENT BLANK: ON
REFERENCE TYPE: DILUENT
CALIBRATION TYPE: MULTI-COMPNT (1)
SAMPLE VOLUME: 5 UL
SAMPLE DILUENT: 35 UL
REAGENT DILUENT: 10 UL
1ST REAGENT: 200 UL
2ND REAGENT: 0 UL
1ST RGT BAR CODE: 0L

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
RUN
TEMPERATURE: 30C
EARLY TIME:
DELAY TIME: 285 SEC
INTERVAL TIME: 25 SEC
NO. OF DATA POINTS: 2
FILTER 1: 650 NM
FILTER 2: 550 NM
MONOCHROMATOR 1: 650 NM
MONOCHROMATOR 2: 550 NM
COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE: POSITIVE
MAX DELTA ABS/IN
MAX SE:
LOWER LIMIT: 6.2
UPPER LIMIT: 8.5

DATA FIT PARAMETERS

CALIBRATOR A:
CALIBRATOR B: **
CALIBRATOR C:
CORRECTION MODE: NONE
FACTOR:
UNITS: G/DL
NO. OF DEC PLACES: 1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: TRIGLYCERIDE
Catalog: T7531, T7532

MONARCH IDENTIFICATION PARAMETERS

TEST CODE:	USER DEFINED
TEST NAME:	TRIGLYCERIDE
TEST MNEMONIC:	TRIG-GPO
OPTICAL MODE:	ABSORBANCE
RESPONSE ALGORITHM:	FINAL-INITIAL
RESULT ALGORITHM:	LINEAR

LOADING PARAMETERS

LOADING TYPE:	LOAD
ANALYZE:	
RELOAD:	
REAGENT BLANK:	ON
REFERENCE TYPE:	DILUENT
CALIBRATION TYPE:	MULTI-COMPNT (1)
SAMPLE VOLUME:	2 UL
SAMPLE DILUENT:	38 UL
REAGENT DILUENT:	10 UL
1 ST REAGENT:	200 UL
2 ND REAGENT:	0 UL
1 ST RGT BAR CODE:	-

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE:	MIX RUN
TEMPERATURE:	30C
EARLY TIME:	
DELAY TIME:	300 SEC
INTERVAL TIME:	10 SEC
NO. OF DATA POINTS:	2
FILTER 1:	550 NM
FILTER 2:	550 NM
MONOCHROMATOR 1:	550 NM
MONOCHROMATOR 2:	550 NM
COMPATIBILITY:	1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS:	SLOPE NORMAL RANGE
------------------	-----------------------

INTEGRITY PARAMETERS

SLOPE:	POSITIVE
MAX DELTA ABS/IN	
MAX SE:	
LOWER LIMIT:	36
UPPER LIMIT:	165

DATA FIT PARAMETERS

CALIBRATOR A:	**
CALIBRATOR B:	
CALIBRATOR C:	
CORRECTION MODE:	NONE
FACTOR:	
UNITS:	MG/DL
NO. OF DEC PLACES:	0

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch

Test: URIC ACID

Catalog: U7580, U7581

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: 11
TEST NAME: URIC ACID
TEST MNEMONIC: URIC
OPTICAL MODE: ABSORBANCE
RESPONSE ALGORITHM: FINAL-INITIAL
RESULT ALGORITHM: LINEAR

LOADING PARAMETERS

LOADING TYPE: LOAD
ANALYZE:
RELOAD:
REAGENT BLANK: ON
REFERENCE TYPE: DILUENT
CALIBRATION TYPE: MULTI-COMPNT (1)
SAMPLE VOLUME: 5 UL
SAMPLE DILUENT: 35 UL
REAGENT DILUENT: 10 UL
1ST REAGENT: 125 UL
2ND REAGENT: 0 UL
1ST RGT BAR CODE: 0A

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
RUN
TEMPERATURE: 30C
EARLY TIME:
DELAY TIME: 305 SEC
INTERVAL TIME: 40 SEC
NO. OF DATA POINTS: 2
FILTER 1: 690 NM
FILTER 2: 520 NM
MONOCHROMATOR 1: 690 NM
MONOCHROMATOR 2: 520 NM
COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE: POSITIVE
MAX DELTA ABS/IN
MAX SE:
LOWER LIMIT: 1.5
UPPER LIMIT: 7.0

DATA FIT PARAMETERS

CALIBRATOR A:
CALIBRATOR B:
CALIBRATOR C: **
CORRECTION MODE: NONE
FACTOR:
UNITS: MG/DL
NO. OF DEC PLACES: 1

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 1/03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Monarch
Test: Beta Hydroxybutyrate
Catalog: H7587

MONARCH IDENTIFICATION PARAMETERS

TEST CODE: -
 TEST NAME: Beta Hydroxybutyrate
 TEST MNEMONIC: BOHB
 OPTICAL MODE: ABSORBANCE
 RESPONSE ALGORITHM: SLOPE
 RESULT ALGORITHM: LINEAR

LOADING PARAMETERS

LOADING TYPE: LOAD
 ANALYZE:
 RELOAD:
 REAGENT BLANK: OFF
 REFERENCE TYPE: DILUENT
 CALIBRATION TYPE: TEST SPECIFIC
 SAMPLE VOLUME: 4 UL
 SAMPLE DILUENT: 10 UL
 REAGENT DILUENT: 10 UL
 1ST REAGENT: A 143 UL
 2ND REAGENT: 0 UL
 1ST RGT BAR CODE: *
 3rd REAGENT: B 24 UL
 3rd RGT BAR CODE: *

DATA ACQUISITION PARAMETERS

ANALYSIS TYPE: MIX
 RUN
 TEMPERATURE: 37C
 EARLY TIME:
 DELAY TIME: 10 SEC
 INTERVAL TIME: 30 SEC
 NO. OF DATA POINTS: 10
 FILTER 1: 505 NM
 FILTER 2: 505 NM
 MONOCHROMATOR 1: 505 NM
 MONOCHROMATOR 2: 505 NM
 COMPATIBILITY: 1

DATA INTEGRITY PARAMETERS

INTEGRITY TESTS: SLOPE
 NORMAL RANGE

INTEGRITY PARAMETERS

SLOPE: POSITIVE
 MAX DELTA ABS/IN
 MAX SE:
 LOWER LIMIT: 0.0
 UPPER LIMIT: 4.0

DATA FIT PARAMETERS

CALIBRATOR A: **
 CALIBRATOR B:
 CALIBRATOR C:
 CORRECTION MODE: NONE
 FACTOR:
 UNITS: mM/L
 NO. OF DEC PLACES: 2

It is recommended that two levels of control material be assayed daily.

**ENTER CONCENTRATION OF STANDARD BEING USED

Rev. 4/03