

# α-AMYLASE

Continuous-spectrophotometric  
DIRECT SUBSTRACT

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

## Instrument: CS-T240

### Reagent preparation

Reagent is ready to use

#### Analyze parameters

Test item	<input type="text" value="Amy"/>	Test full Name	<input type="text" value="Amy"/>	Decimal digit	<input type="text" value="0"/>	Unit	<input type="text" value="U/L"/>	<input type="text"/>	Sample blank	
Assay	<input type="text" value="Rate A"/>	Test time	<input type="text" value="10"/>	Point	<input type="text" value="4"/>	<input type="text" value="22"/>	<input type="text"/>	Control Interval	<input type="text"/>	
Main Wave	<input type="text" value="405"/>	Second Wave	<input type="text" value="0"/>	Instrument factor(Y=aX+b)	a=	<input type="text" value="1.0"/>	b	<input type="text" value="0"/>	<input type="text"/>	Always dilution

#### Sample Vol.

	Serum			Urine		
Normal	<input type="text" value="6"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="6"/>	<input type="text"/>	<input type="text"/>
Decrement	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Increment	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Abs Limit	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Positive Reaction
Prozone Limit	<input type="text" value="-3.3"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Lower limit

#### Reagent

	Vol	Dil	Pos
R1	<input type="text" value="300"/>	<input type="text"/>	*
R2	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Range parameters**

Test item : Amy

Serum									
Age			Male			Female			
Adult		Years	0						
		Years							
		Years							
Default value		*							
Linear range		1.8-1317							

Urine									
Age			Male			Female			
		Years							
		Years							
		Years							
Default value									
Linear range									

**Calibration parameters**

Test Item : Amy

Calibration methods		2 point Linearity	Point : 2	Span	Drift checkup: 3.3
Calibration solution		(1) 0		Discreteness checkup: 3.3	
		(2) * S1		Sensitivity checkup:0	
				Blank horizontal checkup:-3.3-3.3	
* data entered by user					

**Reagent preparation** Reagent is ready to be used.

**Analyze parameters**

Test item  Test full Name  Decimal digit  Unit   Sample blank

Assay  Test time  Point     Control Interval

Main Wave  Second Wave  Instrument factor(Y=aX+b) a=  b   Always dilution

**Sample Vol.**

	Serum	Urine
Normal	<input type="text" value="6"/> <input type="text"/> <input type="text"/>	<input type="text" value="6"/> <input type="text"/> <input type="text"/>
Decrement	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Increment	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
Abs Limit	<input type="text" value="1"/>	<input type="text"/>
Prozone Limit	<input type="text" value="-3.3"/>	<input type="text"/>

**Reagent**

	Vol	Dil	Pos
R1	<input type="text" value="300"/>	<input type="text"/>	<input type="text" value="*"/>
R2	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Range parameters**

Test item : Amy

**Serum**

Age	Male	Female
<input type="text"/> Years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
<input type="text"/> Years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
<input type="text"/> Years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

Default value

Linear range

**Urine**

Age	Male	Female
<input type="text"/> Years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
<input type="text"/> Years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
<input type="text"/> Years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

Default value

Linear range

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**Test Item** : Trig

Drift checkup: 3.3

Calibration methods

2 point Linearity

Point : 2

Span

Discreteness checkup: 3.3

Sensitivity checkup: 0

Calibration Solution

Blank horizontal checkup:-3.3-3.3

(1) 0

(2) \* S1

\* data entered by user

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Version 1102

Vers. 0706