

**AXIOM DIAGNOSTIC'S PARAMETER SHEET FOR ADULTERATION TESTING OF URINE SAMPLES
USING TEST TRUE™ REAGENTS FOR ASSAYS BELOW ON THE AUTOMATIC ANALYZER**

ARCHITECT™ c8000

TEST NAME		pH	SPGR	NITRITE	CREATININE	CHROMATE	OXIDANT	SYNTHETIC URINE	ALDEHYDE	
ASSAY #		*	*	*	*	*	*	*	*	
Photometric Assay	Min:	1.0	1.000	0	0	0	0	-10	-10	
	Reference-L:	4.0	1.001	0	20	0	0	2.0	0	
	Reference-H:	11.0	1.020	10,000	400	50	150	1,000	99	
	Max:	14.0	1.050	15,000	400	5,000	15,000	2,000	5,000	
	Panic - L	* 3.9	* 1.002	* 0	* 5	* 0	* 0	* 0	* -100	
	Panic - H	11.1	1.020	499.9	400	49.9	149.9	100	100	
BASE	Reaction Mode:	end up	end down	end up	rate up	end up	end up	end up	end up	
	Primary Wavelength	548	572	412	524	548	572	340	412	
	Secondary Wavelength:	804	804	804	572	804	804	604	804	
	Main Read Time:	7. - 8	13. - 14	3. - 4	20. - 24	4. - 5	24. - 25	12. - 26	20. - 21	
	Flex Read Time:	0	0	0	0	0	0	0	0	
	AbsMaxVar:	0	0	0	0	0	0	0	0	
	Linearity %:	0	0	0	0	0	0	0	0	
	Sample Blank Test:	0	0	0	0	0	0	0	0	
	Blank Read Time:	0	0	0	0	0	0	0	0	
	Abs Limits:	0 , 0	0 , 0	0 , 0	0 , 0	0 , 0	0 , 0	0 , 0	0 , 0	
	Sample Volume (µL):Dil1/Dil2	13, 13, 13	3, 3, 3	3, 3, 3	8, 8, 8	3, 3, 3	11, 11, 11	20, 20, 20	4, 4, 4	
	Sample Volume (DS.Vol):	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	
	Sample Water Dil (W.Vol):	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	0 , 0, 0	
	Reagent 1:	160	205	250	80	160	80	80	110	
	W.Vol:	0	0	0	0	0	0	0	0	
	Reagent 2:	0	0	0	80	0	80	80	110	
	W.Vol:	0	0	0	0	0	0	0	0	
	Factor:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	Intercept:	0	0	0	0	0	0	0	0	
	Decimal Palces:	1	3	0	1	0	0	0	0	
	Units:	None	None	mg/L	mg/dL	mg/L	mg/L	none	mg/L	
CALIBRATION	Calibration Mode:	Linear	Linear	Linear	Linear	Linear	Linear	Linear	Linear	
	Factor:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	Std (1) Conc. Pos (Blank)	4.0	1.001	0	0	0	0	0	0	
	Std (2) Conc. Pos	11.0	1.020	500	20	50	150	100	100	
	Std (3) Conc. Pos									
	Cal Factors from: Interval:	24	24	24	24	24	24	24	24	
	Blank/Calib Replicates:	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	
	Extrapolation %	0	0	0	0	0	0	0	0	
	Span:	1	1	1	1	1	1	1	1	
	Span ABS Range	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	
	Blk ABS Range	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	
	Cal Deviation	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	
	Blk:	S. Vol:	13	3	3	8	3	11	20	4
		DS. Vol:	0	0	0	0	0	0	0	
		D. Vol:	0	0	0	0	0	0	0	
		W.Vol:	0	0	0	0	0	0	0	

* User defined.

RECOMMENDATIONS

1. pH : Urine values should be considered abnormal if below pH 4.0 and above pH 11.0.
2. SG: Urine values should be considered abnormal if less than 1.003 or above 1.020.
3. Nitrite: Urine values should be considered abnormal if above 500 mg/L.
4. Creatinine : Urine values should be considered abnormal if less than 20 mg/dL.
5. Chromate : Urine values should be considered abnormal if any is found (above 50 mg/L).
6. Oxidant : Urine values should be considered abnormal if any is found (above 200 mg/L).

Store reagents refrigerated between 2 and 10 ° C.

All results considered to be in the abnormal range should be reevaluated by an alternate method.

According to Public Health Services Notice PD 035, Sept 28, 1998 :

Sample is - ADULTERATED - if pH is <4.0 or ≥ 11.0

Sample is - INVALID - if 4.0 ? pH <4.5 or 9.0? pH < 11.0

Sample is - DILUTE - if 5.0< CR<20.0 mg/dL and 1.002 ?SG< 1.003 or, 2.0?CR<20.0 and 1.001<SG<1.003

Sample is - SUBSTITUTED - if CR <2.0 and SG ≤ 1.001 or SG ≥ 1.020

Sample is - ADULTERATED - if nitrite concentration is ≥ 500 µg/mL (mg/L)

Sample is - ADULTERATED - Ox concentration is ?200

See package insert for additional details on each assay.