ALTA DIAGNOSTICS, INC.

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18 MONTH OPEN VIAL STABILITY

LIQUID URINE CONTROL

FOR

MICROSCOPIC & HIGH SPECIFIC GRAVITY

LOT # 073219 Exp 3/14	MICROSCOPIC	SPECIFIC GRAVITY	PROCEDURE
HIGH	35	1.038	1. Shake well before using to assure complete mixing of the contents. 2. Remove bottle cap and pour 12 ml into a clean, dry conical centrifuge tube.* 3. Centrifuge for 5 minutes at 2000 rpm. (A lower rpm may be used if this is called for in your laboratory procedure. However, a somewhat lower mean may result!) 4. Remove control from the centrifuge and at this time, if desired, take and record the specific gravity reading by placing a small urinometer in the centrifuge tube or, alternatively, transfer a few drops of the supernate to a refractometer. 5. Pour off and discard all but 0.5 ml of the supernate. 6. Resuspend the sediment in the remaining 0.5 ml of supernate by touching the bottom of the tube to a vortex machine or by flicking the bottom of the tube with your finger. 7. Transfer a drop of the resuspended sediment to a clean dry microscope slide and cover with a cover slip. 8. Count and record the *average* number of cells found in 10 high power fields. 9. At the end of the month, add the column of entries for MICROSCOPIC and/or SPECIFIC GRAVITY and enter the TOTAL at the bottom of the column. Determine the MEAN by dividing the TOTAL by the number of days the test was run. 10. Store at 2º - 8ºC. May be stored at room temperature once bottle is in use. *NOTE:The value range for Alta's Microscopic Control is based on the parameters set forth in the above procedure. Laboratories using a procedure with different parameters (i.e. volume, rpm and time of centrifugation and amount of supernate discarded) should develop their own range of values and mean for the control using their procedure.
MEAN	20 CELL/HP ± 15	1.033 ± .005	
LOW	5	1.028	
DAY 1			
DAY 2			
DAY 3			
DAY 4			
DAY 5			
DAY 6			
DAY 7			
DAY 8			
DAY 9			
DAY 10			
DAY 11			
DAY 12			
DAY 13			
DAY 14			
DAY 15			
DAY 16			
DAY 17			
DAY 18			
DAY 19			
DAY 20			
DAY 21			
DAY 22			
DAY 23			
DAY 24			
DAY 25			
DAY 26			
DAY 27			
DAY 28			
DAY 29			
DAY 30			
DAY 31			
TOTAL			
MEAN			

2012-04-30