

**Product Name:** Acidic Buffer Reagent

**Part Number:** 1404001

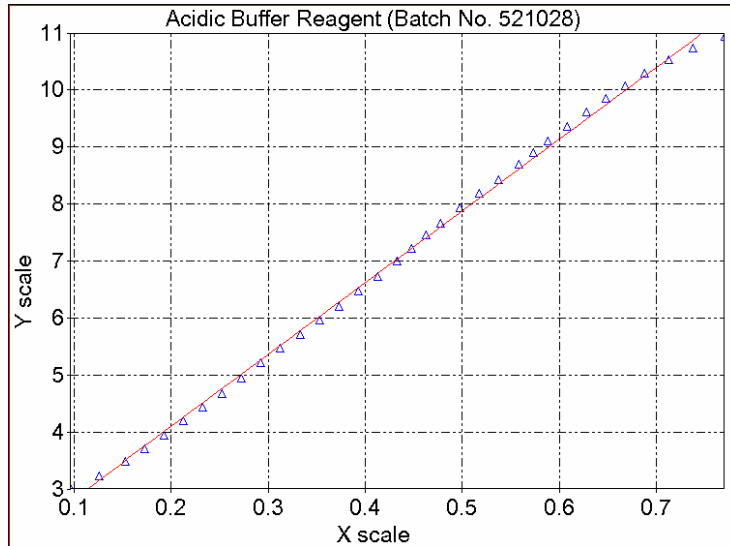
**Batch Number:** 521028

**Method of Analysis:** pH-metric & spectrophotometric titration

**DataSet Numbers:** 06A-1907, 06A-1908, 06A-1909, 06A-1910

**Linearity Plot for pH3 - 11:**  
(Specification =  $r^2$  to be  $\geq 0.9900$ )

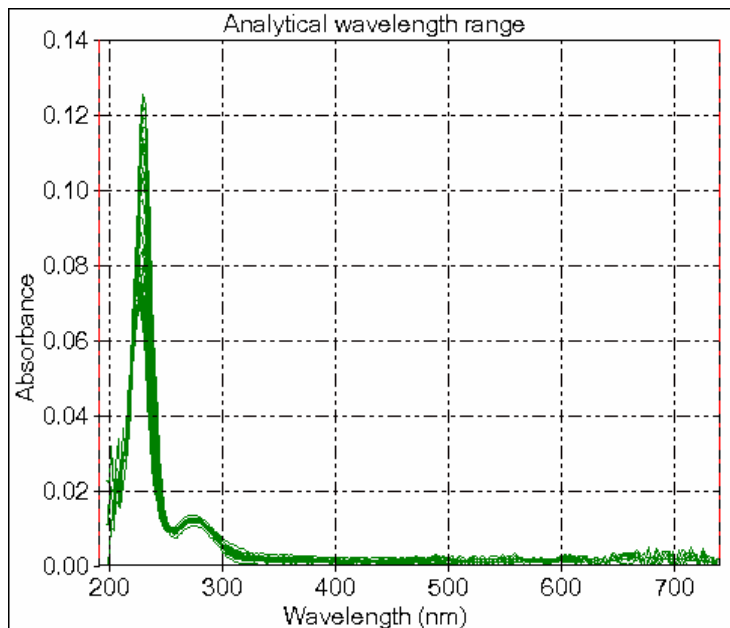
Average Initial pH =  $2.6 \pm 0.0$   
 $r^2$  range = 0.9971 – 0.9981



**UV Profile:**  
(Specification = Absorbance to be  $\leq 0.05$  between 250nm and 500nm)

DataSet 06A-1907

Wavelength	Absorbance
250nm	0.01
260nm	0.01
280nm	0.01
300nm	0.01
350nm	0.00
400nm	0.00
450nm	0.00
500nm	0.00



This product has been tested by the Quality Control Laboratory of Sirius Analytical Instruments Limited and conforms to the specifications described above.

Approved: ..... *Carolyn Hibbert* .....

Carolyn Hibbert, Quality Assurance Co-ordinator

Certificate Date: ..... 24 January 2006 .....

Acid 521028.doc