

**Product Name:** Basic Buffer Reagent

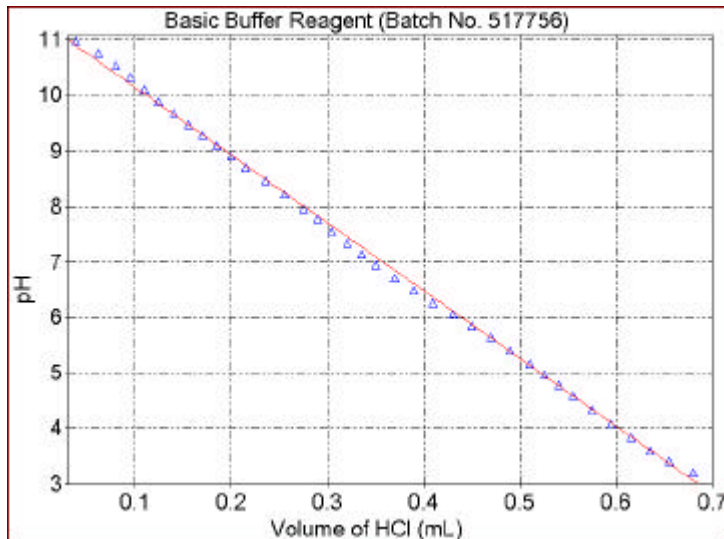
**Part Number:** 1404002

**Batch Number:** 517756

**Method of Analysis:** pH-metric & spectrophotometric titration  
**DataSet Numbers:** 05D-0706, 05D-0707, 05D-0708, 05D-0709

**Linearity Plot for pH3 - 11:**  
 (Specification =  $r^2$  to be  $\geq 0.99$ )

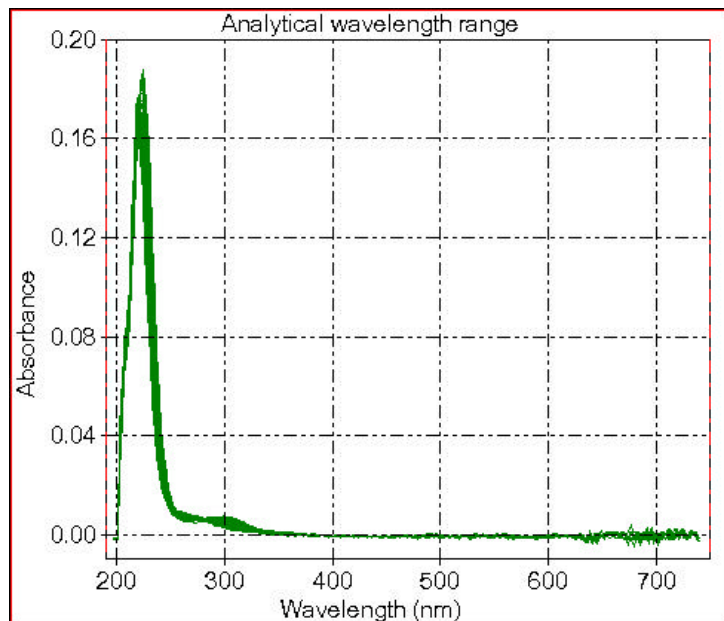
Average Initial pH =  $11.3 \pm 0.1$   
 $r^2$  range = 0.9981 – 0.9990



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

DataSet 05D-0709

| Wavelength | Absorbance |
|------------|------------|
| 250nm      | 0.02       |
| 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*

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 Carolyn Hibbert, Quality Assurance Co-ordinator

Certificate Date: .....11 April 2005.....

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