

# Certificate of Analysis

**MEM VITAMINS (100X)**

**Origin : UK**

**Catalogue Number : 11120**

**Lot Number : 1446486**

**Expiration Date : 2014-09**

| TEST                    | SPECIFICATION | RESULT       | UNITS      |
|-------------------------|---------------|--------------|------------|
| a01 Bacterial           | Negative      | Negative     |            |
| a02 Fungal              | Negative      | Negative     |            |
| b01 pH                  | 5.4 to 7.7    | 6.97         | pH Units   |
| b02 Osmolality          | 250 to 300    | 275          | mOs/kg H2O |
| d03 Diploid Growth      | 0.70 to 1.40  | 0.95         |            |
| d04 Toxicity            | Satisfactory  | Satisfactory |            |
| q01 Documentation       | Satisfactory  | Satisfactory |            |
| q02 Appearance (Liquid) | Satisfactory  | Satisfactory |            |

*M. M'Fadyen*

Quality System Department

Date : 03-Oct-2013