

**Certificate of Analysis**

Product : **D-GLUCOSE ANHYDROUS**

Batch No. **2137400114**

Description : A white crystalline or granular powder

Grade : **SQ**

**QUALIGENS**

**Mfg. Date : January 2014**

Application : For analysis

Expiry Phrase : Use within 5yrs of opening subject to adhering to the storage conditions

| SPECIFICATIONS                    | UNIT | STANDARDS                              | RESULTS                   |
|-----------------------------------|------|--|---------------------------|
| Description                       | ---- | A white crystalline or granular powder | A white granular powder   |
| Solution (10% w/v aqueous)        | ---- | Almost clear & colourless              | Almost clear & colourless |
| Specific optical rotation at 20°C | °    | +52 to +53                             | +52.9                     |
| Moisture                          | %    | 1 max.                                 | 0.4                       |
| Sulphated Ash                     | %    | 0.1 max.                               | 0.006                     |
| Chloride (Cl)                     | %    | 0.02 max.                              | < 0.02                    |
| Sulphate (SO <sub>4</sub> )       | %    | 0.02 max.                              | < 0.02                    |
| Arsenic (As)                      | %    | 0.0001 max.                            | < 0.0001                  |
| Lead (Pb)                         | %    | 0.0002 max.                            | 0.0001                    |

**Additional Information :**

The product has been tested by the Quality Control Laboratory of Thermo Fisher Scientific and conforms to the above specifications



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