

**Certificate of Analysis**

Product : **SODIUM CARBONATE ANHYDROUS**

Batch No. **2513 7402-7**

Description : A fine white granules or Powder.

Grade : **ExcelaR**

**QUALIGENS**

**Mfg. Date : February 2014**

Application : For analysis

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

SPECIFICATIONS	UNIT	STANDARDS	RESULTS
Description	----	A fine white granules or powder	A fine white granules.
Solution (10% w/v aqueous)	----	Should be clear and colourless	Solution is clear and colourless
Assay (after drying)	%	99.9 – 100.1	100.0
Insoluble matter	%	0.01 max.	0.0002
Chloride (Cl)	%	0.004 max	< 0.004
Nitrate (NO <sub>3</sub> )	%	0.002 max	< 0.002
Phosphate (PO <sub>4</sub> )	%	0.001 max	< 0.001
Silicate (SiO <sub>2</sub> )	%	0.0025 max	< 0.0025
Total Sulphur as Sulphate (SO <sub>4</sub> )	%	0.005 max	< 0.005
Ammonium (NH <sub>4</sub> )	%	0.0001 max	< 0.0001
Calcium (Ca)	%	0.005 max	0.0003
Copper (Cu)	%	0.0005 max	0.0001
Iron (Fe)	%	0.0005 max	0.00009
Lead (Pb)	%	0.0005 max	0.0003
Magnesium (Mg)	%	0.0005 max	0.0002
Potassium (K)	%	0.01 max	0.006
Loss at 300°C	%	0.5 max	0.4

**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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