

Certificate of Analysis

Product : **SODIUM DIHYDROGEN ORTHOPHOSPHATE DIHYDRATE** Batch No. **1374 7105-1**

Description : Small colourless crystals.

Grade : **ExcelaR**

QUALIGENS

Mfg. Date : May 2011

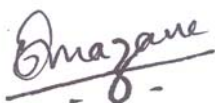
Application : For analysis

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

SPECIFICATIONS	UNIT	STANDARDS	RESULTS
Description	----	Small colourless crystals.	Small colourless crystals.
Solution 10% w/v aq.	----	Should be clear & colourless	Solution is clear & colourless
Assay	%	99.0 – 101.0	99.8
pH of solution (5% in carbon dioxide-free water)	----	4.3 – 4.5	4.4
Insoluble matter	%	0.01 max.	0.01
Chloride (Cl)	%	0.001 max	< 0.001
Sulphate (SO ₄)	%	0.005 max	< 0.005
Arsenic (As)	%	0.00004 max	< 0.00004
Calcium (Ca)	%	0.005 max	0.0002
Copper (Cu)	%	0.0002 max	0.00009
Iron (Fe)	%	0.001 max	0.0002
Lead (Pb)	%	0.0002 max	0.0001
Magnesium (Mg)	%	0.005 max	0.0009
Loss on drying at 150°C	%	21.5 – 24.0	23.4

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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