

Certificate of Analysis

Product : **SODIUM HYDROXIDE PELLETS**

Batch No. **2137430114**

Description : White deliquescent pellets.

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	----	White deliquescent pellets.	White deliquescent pellets
Solution 10% w/v aq.	----	Should be clear & colourless.	Solution is clear & colourless.
Solution 60% w/v aq.	----	Should be regenably clear & free from blackish sedimentation	Solution is regenably clear & free from blackish sedimentation
Assay	%	97.0 min.	97.9
Carbonate (Na ₂ CO ₃)	%	2 max.	0.3
Chloride (Cl)	%	0.01 max	< 0.01
Sulphate (SO ₄)	%	0.05 max	< 0.05
Potassium (K)	%	0.1 max	0.07
Silicate (SiO ₂)	%	0.05 max	< 0.05
Zinc (Zn)	%	0.02 max	0.01
Iron (Fe)	%	0.002 max	0.001
Heavy metals (as Pb)	%	0.002 max	0.001
Identification (as NaOH)	----	Passes test	Passes test
Solubility	----	Passes test	Passes test

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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