



Specification

Sodium Perchlorate Anhydrous ACS

Catalog Number: SP1007
CAS Number: 7601-89-0
Synonym(s): Hyperchloric acid sodium salt
Molecular Formula: NaClO_4
Molecular Weight: 122.44
Storage: 15°C – 30°C
Retest Period: Two years from date of manufacture.

Test	Specification
Appearance	White powder or chunks
Assay	98 – 102%
Solubility (2.09g/mL)	Report
pH (5% solution @ 25°C)	6.0 – 8.0
Insoluble matter	≤ 0.005%
Chloride	≤ 0.003%
Sulfate	≤ 0.002%
Calcium	≤ 0.02%
Potassium	≤ 0.05%
Heavy metals (as Pb)	≤ 5ppm
Iron	≤ 5ppm
All lots meet ACS specifications.	

Approved:

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