

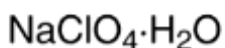


## Certificate of Analysis.

### Sodium perchlorate monohydrate reference standard, AnStan®.

Product Code:	<b>BS13748.</b>
Description:	<b>Sodium perchlorate monohydrate reference standard, AnStan®</b>
Chemical Name:	<b>Perchloric Acid Sodium Salt.</b>
Pack:	<b>5 gm.</b>
CAS No.:	<b>7791-07-3.</b>
Mol. Weight:	<b>122.44 g/mol.</b>
Mol. Formula:	<b>NaClO<sub>4</sub>·H<sub>2</sub>O.</b>
MDL Number:	<b>MFCD00149164.</b>
Melting Point:	<b>130°C.</b>
Boiling point:	<b>482°C.</b>
Density:	<b>2.02 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Characteristics	Specification	Measured Values
Appearance:	White Crystalline.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure.	<b>Lot specific.</b>
Purity by HPLC:	>99%.	<b>Lot specific.</b>




**Dr.K. Deepti.**  
**Technical Head.**

