

## Certificate of Specification

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**Material :** 46644-280 HYDROGEN PEROXIDE,30%,REAGENT,ACS Reagent, ACS  
**Batch :**  
**Last Quality Control:**  
**CAS Number:**  
**Molecular weight:** 138.12

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**CHARACTERISTICS**

**SPECIFICATIONS**

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Assay	29,0 --> 32,0 %
Colour	Max. 10 APHA
Titration acid	Max. 0,0006 meq/g
Heavy metals (as Pb)	Max. 1 ppm
Residue after evaporation	Max. 0,002 %
Cl (Chloride)	Max. 3 ppm
NH <sub>4</sub> (Ammonium)	Max. 5 ppm
NO <sub>3</sub> (Nitrate)	Max. 2 ppm
PO <sub>4</sub> (Phosphate)	Max. 2 ppm
SO <sub>4</sub> (Sulphate)	Max. 5 ppm
Fe (Iron)	Max. 0,5 ppm
Stabilizer (Sodium stannate)	Passes test

The weights and/or volumes used to prepare this product are NIST traceable. All balances used in the preparation of the product are calibrated weekly against NIST traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is NIST traceable and certified as meeting Class A specifications.

Unless otherwise indicated above, all chemicals used in the preparation of this product are Reagent ACS grade.

*This document has been produced electronically and is valid without a signature.*

Alicia Bourdeau  
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