



METER

Certificate of Conformance

Part Number: 40746
Lot Number: 21320157

0.760 a_w
Water Activity Standard

Source	Source Purity	Matrix	Uncertainty of Standard
Sodium Chloride	U.S.P. Grade	H ₂ O Steam Distilled	6.00 mol/kg ± 0.5% a _w = 0.760 ± 0.003

Traceability and Uncertainty

METER Water Activity Standards are prepared using a density/specific gravity meter. Measurement equipment is calibrated to approved national or international standards.

The uncertainty of the density measurement is 0.00005 g/cm³.

This standard is valid through the assigned expiration date provided the solution is stored under normal laboratory conditions. Once the tube is opened, the calibration solution must be used immediately.

Calibration Information of Reference Standard

Reference	Model	Asset Number	Certificate	Calibration Date	Expiration Date
Density Meter	DMA5000M	FA-0900	4000257380-400	20-Jul-2020	31-Jul-2021

Calibration Technician	Andy Galbraith	Date of Expiration	May 2023
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