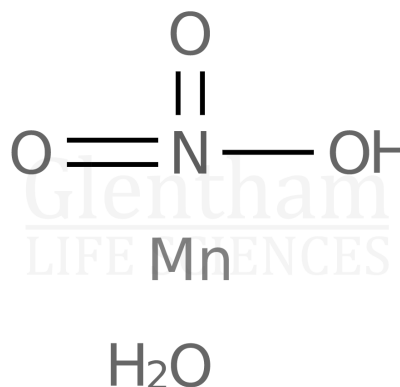


Certificate of Analysis

Product Name	Manganese(II) nitrate tetrahydrate, 97.5%
Glenthams Code	GX8825
CAS Number	20694-39-7
EINECS	236-196-1
MDL Number	MFCD00149789
Additional CAS	15710-66-4 ($\cdot xH_2O$)
Batch Number	209NIW
Molecular Weight	251.01
Molecular Formula	$Mn(NO_3)_2 \cdot 4H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 209NIW
Physical Description	Off-white to pink or pale brown-red crystals	Pale pink crystals
Solubility (10% in water)	Clear solution	Conforms
Assay	$\geq 97.5\%$ ($Mn(NO_3)_2 \cdot 4H_2O$)	99.5%

Specification Version	v1.0
Manufacture Date	2023-01-09
Re-Test Date	2029-12-07

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025