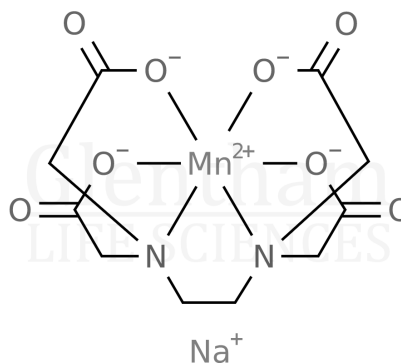


Certificate of Analysis

Product Name	EDTA manganese disodium salt hydrate
Glentham Code	GX6009
CAS Number	15375-84-5
EINECS	239-407-5
MDL Number	MFCD00054451
Batch Number	920GGZ

Molecular Weight	389.13 (anhydrous)
Molecular Formula	$C_{10}H_{12}MnN_2Na_2O_8 \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 920GGZ
Physical Description	Off-white to pale pink crystalline powder	Pale pink crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (5% in water)	Clear, colourless to pale pink solution	Clear, colourless solution
pH (1% in water)	6.0 - 7.0	6.4
Water (KF)	≤ 10.0%	7.9%
Manganese (Mn)	≥ 13.0%	13.3%
Assay	95.0 - 105.0 %	102.4%

Specification Version	v1.1
Manufacture Date	2025-02-22
Re-Test Date	2031-03-31

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

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