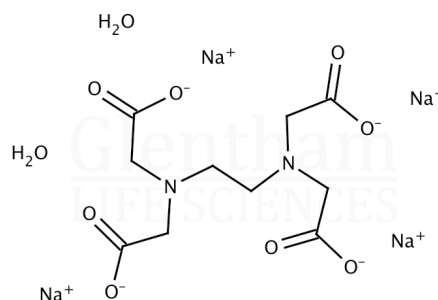


Certificate of Analysis

Product Name	EDTA tetrasodium salt dihydrate
Glenthams Code	GK0795
CAS Number	10378-23-1
EINECS	200-573-9
MDL Number	MFCD00150026
Additional CAS	64-02-8 (anhydrous)
Additional CAS	13235-36-4 ($\cdot 4\text{H}_2\text{O}$)
Additional CAS	194491-31-1 ($\cdot \text{xH}_2\text{O}$)
Batch Number	167RWW

Molecular Weight	416.20
Molecular Formula	$\text{C}_{10}\text{H}_{12}\text{N}_2\text{Na}_4\text{O}_8 \cdot 2\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 167RWW
Physical Description	White crystalline powder	White crystalline powder
Solubility (10% in water)	Clear, colourless solution	Conforms
pH (1% in water)	10.5 - 12.0	11.1
Iron (Fe)	$\leq 80\text{ppm}$	Conforms
Heavy Metals (as Pb)	$\leq 10\text{ppm}$	Conforms
Lead (Pb)	$\leq 10\text{ppm}$	Conforms
Arsenic (As)	$\leq 3\text{ppm}$	Conforms
Mercury (Hg)	$\leq 1\text{ppm}$	Conforms
Assay	99.0 - 102.0 %	99.7%

Specification Version	v1.0
Manufacture Date	2021-05-05
Re-Test Date	2029-04-20

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.

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