



Specification

Concerning Product:	
Article number	194491311ARI98
Trade name / designation / denomination	EDTA Ethylendiamintetraacetic acid
CAS number	194491-31-1
Other names / synonyms	•EDTA tetrasodium salt; •EDTA · 4Na · 4H ₂ O; •Edathamil; •Ethylenediaminetetraacetic acid tetrasodium salt hydrate; •N,N'-1,2-Ethanediybis[N-(carboxymethyl)glycine] tetrasodium salt hydrate; •Tetrasodium ethylenediaminetetraacetatehydrate;
EC number	200-573-9
EC index number	607-428-00-2
Molecular weight [g / mol]	380,17
Formula	C ₁₀ H ₁₂ N ₂ Na ₄ O ₈ · xH ₂ O
<p>Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure . Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Get medical advice/attention if you feel unwell. Dispose of contents/container in accordance with local/regional/(inter)national regulations.</p>	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Colour		white	
Physical parameter			
Form		Conforms to Requirements	
Form		Powder, Solid, Granules, Granular Powder or Crystalline Powder	
Loss on drying		Report Result	
pH value		C = 1%, H ₂ O 10,5 – 11,5	
Identity			
Assay		Complexiometric EDTA 97,5 – 102,5	%
Identification	ICP Major Analysis	Confirms Sodium Component	
Infrared absorption spectrometry		Conforms to Structure	

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Nov. 2020

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