



Spezifikation

Produktbezug:	
Produktnummer	194491311ARI98
Handelsname / Bezeichnung	EDTA Ethylendiamintetraacetic acid
CAS Nummer	194491-31-1
Andere Bezeichnungen / Synonyme	•EDTA Tetranatriumsalz-Hydrat; •EDTA tetrasodium salt; •EDTA · 4Na · 4H ₂ O; •Edathamil; •Ethylendiamintetraessigsäure, Tetranatriumsalz-Hydrat; •Ethylenediaminetetraacetic acid tetrasodium salt hydrate; •N,N'-1,2-Ethanediybis[N-(carboxymethyl)glycine] tetrasodium salt hydrate; •Tetrasodium ethylenediaminetetraacetatehydrate;
EG Nummer	200-573-9
EG-Index-Nummer	607-428-00-2
Molekulargewicht [g/mol]	380,17
Formel	C ₁₀ H ₁₂ N ₂ Na ₄ O ₈ · xH ₂ O
Verursacht schwere Augenschäden. Kann die Organe schädigen bei längerer oder wiederholter Exposition . Staub/Rauch/Gas/Nebel/Dampf/Aerosol nicht einatmen. Nach Gebrauch gründlich waschen. Bei Gebrauch nicht essen, trinken oder rauchen. Nur im Freien oder in gut belüfteten Räumen verwenden. Schutzhandschuhe/Schutzkleidung/Augenschutz /Gesichtsschutz tragen. Bei Unwohlsein ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. Entsorgung des Inhalt/Behälter gemäß den örtlichen / regionalen / (inter)nationale Vorschriften.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Farbe		weiß	
Physikalische Parameter			
Form (Aggregatzustand)		Entspricht den Anforderungen	
Form (Aggregatzustand)		Pulver, Feststoff, Granulat, Granulatpulver oder kristallines Pulver	
Trocknungsverlust		Berichtsergebnis	
pH-Wert		C = 1%, H ₂ O 10,5 – 11,5	
Identifikation			
Gehalt	ICP-Hauptanalyse	Bestätigt die Natriumkomponente	
Gehalt		Complexiometric EDTA 97,5 – 102,5	%
Infrarot Spektroskopie		Entspricht der Struktur	

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Nov. 2020

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