

EDTA-4Na



DESCRIPTION

General Description		Origin
Ethylene diamine tetra-acetic acid tetrasodium tetrahydrate salt		China
Grade	E number	Formula
Fertilizer Grade	-	$\text{C}_{10}\text{H}_{12}\text{N}_2\text{O}_8\text{Na}_4 \cdot 4\text{H}_2\text{O}$
Molecular weight	EINECS	CAS number
452.23	603-569-9	13235-36-4

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard (Industrial Grade)	Standard (daily chemical grade)	Spray tetrasodium	Tetrasodium dihydrate
Content	%	≥ 99.0	≥ 99.5	≥ 99.3	107-109
Cl	%	≤ 0.01	≤ 0.01	≤ 0.01	≤ 0.01
SO ₄	%	≤ 0.05	≤ 0.05	≤ 0.03	≤ 0.05
Pb	%	≤ 0.001	≤ 0.001	≤ 0.001	≤ 0.001
Fe	%	≤ 0.001	≤ 0.001	-	≤ 0.001
Chelation value	mgCaCO ₃ /g	≥ 220	≥ 220	≥ 220	≥ 234
PH	-	10.5-11.5	10.5-11.5	10.5-12.5	10.5-11.5
NTA	%	≤ 1.0	≤ 1.0	≤ 3.0	-
Appearance	-	White crystal powder	White crystal powder	White powder	White crystal powder

Further specifications are available upon request

Disclaimers

Although the information and recommendations set forth herein are presented in good faith, Kelewell makes no representations or warranties as to the completeness or accuracy. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. Additionally, it is the user's responsibility to verify, in every case, the local legislation related to the use of the product. In no event will Kelewell be responsible for damages of any nature resulting from the use of or reliance upon information or the product to which information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent and Kelewell makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. The typical data set forth herein are based on samples tested and are not guaranteed for all samples or applications. The product specification limits are subject to change. Please contact Kelewell for the most current data sheet. Deliveries are governed by the general sale conditions defined by Kelewell