

326 –EDTA DIPOTASSIUM (AR GRADE)

REF NO: TBL/QA/SS/LC/326	STANDARD SPECIFICATION FOR EDTA DIPOTASSIUM (AR GRADE)	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 326

PRODUCT PROPERTIES

C.A.S Number	25102-12-9
Chemical Formula	$C_{10}H_{14}K_2N_2O_8 \cdot 2H_2O$
Formula weight	404.46
Functional Uses	Ethylenediaminetetraacetic acid dipotassium salt dehydrate has been used as a component: <ul style="list-style-type: none"> • Of EDTA–glycerol solution (EDTA-G) for decalcification • of buffer for monoamine and pterine analysis • of T-cell resuspension buffer
Standard Packaging	100gm, 500gm & 25 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Description	White colour crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M in H ₂ O at 25°C)	4.0 – 5.0
Iron (Fe)	NMT – 0.0005%
Chloride (Cl)	NMT – 0.0005%
Sulphate (SO ₄)	NMT – 0.0005%
Heavy Metal(Pb)	NMT – 0.0002%
Zinc (Zn)	NMT – 0.0002%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

