

## 349 –EDTA DIPOTASSIUM (EXTRA PURE)

REF NO: TBL/QA/SS/LC/349	<b>STANDARD SPECIFICATION FOR EDTA DIPOTASSIUM (EXTRA PURE)</b>	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 349

### 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 has been used in EDTA–glycerol solution (EDTA-G) for decalcification.
Standard Packaging	100gm, 500gm

### PHYSICAL PARAMETERS

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

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M in H <sub>2</sub> O at 25°C)	4.0 – 5.0
Iron(Fe)	NMT – 0.0005%
Chloride (Cl)	NMT – 0.0005%
Sulphate(SO <sub>4</sub> )	NMT – 0.0005%
Heavy Metal (Pb)	NMT – 0.0002%
Zinc(Zn)	NMT – 0.0002%
Assay	NLT – 99.5%

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

