

# Product Specification Sheet



<b>Product Code:</b>	BIO-1050
<b>Identifier:</b>	EDTA, Disodium Salt, Dihydrate
<b>Grade:</b>	Ultra Pure Grade
<b>Appearance:</b>	White Crystalline Powder
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> . 2H <sub>2</sub> O
<b>Molecular Weight:</b>	372.24 g/mol
<b>Description:</b>	Chelator of divalent cations. Inhibits enzymes which require divalent cations for activity.
<b>Storage Condition:</b>	Store between 20°C - 25°C. Protect from moisture.
<b>Additional Info:</b>	Not Applicable

Assay:	Specification:
Purity	≥99.0%
Reaction of water solution	PASS
Clarification test	PASS
pH (5%; H <sub>2</sub> O, 25°C)	4.00 – 6.00
pH (1%; H <sub>2</sub> O, 25°C)	4.00 – 6.00
Chloride	≤ 0.01%
Sulfate (SO <sub>4</sub> )	≤ 0.1%
Heavy Metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.005%
Appearance	White Crystalline Powder

## Axil Scientific Pte Ltd

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