

**Ethylenediamine Tetraacetic Acid, Disodium Salt Dihydrate, Pharma**

C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>8</sub>Na<sub>2</sub>·2H<sub>2</sub>O    FW. 372.24  
 CAS-No.                    6381-92-6  
 Code                        **BP1240**

Melting Point    110    °C

**Specifications**

( Meets Ph.Eur, BP, USP/NF, JP )

Assay	99.0 - 101.0%
Appearance	White or almost white, crystalline powder
Identity	Passes test
Appearance of solution	Clear and colorless
Solubility	Passes test
pH of a 5% solution at 25°C	4.0 - 5.5
pH of a 1% solution at 25°C	4.3 - 4.7
Loss on Drying at 150 °C (6 Hours)	8.7 - 11.4%
Residue after Ignition	37.0 - 39.0%
Nitritotriacetic acid	0.1%    max.
Cyanide (CN)	Passes test
Heavy metals (as Pb)	0.001%    max.
Arsenic (As)	0.0002%    max.
Calcium (Ca)	Passes test
Iron (Fe)	0.008%    max.

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