

neoFroxx GmbH

Marie-Curie-Str. 3
D-64683 Einhausen

Telefon: +49 (6251) 989 24 - 0
Telefax: +49 (6251) 989 24 - 10

E-Mail: info@neofroxx.com

www.neofroxx.com

Specification

| | |
|----------------|---|
| Product | EDTA disodium salt dihydrate for molecular biology |
| Brand | BioFroxx |

| | |
|-------------------------------|---|
| Product number | 1108 |
| Synonym(s) | Disodium EDTA, Ethylenediaminetetracetic acid disodium salt, Sodium edetate |
| Formula | $C_{10}H_{14}N_2Na_2O_8 \cdot 2H_2O$ |
| Molecular weight | 372.24 g/mol |
| CAS number | 6381-92-6 |
| Storage | below 25°C |
| Retest period (months) | 60 |

| Parameter | Specification |
|-------------------------|----------------------|
| DNases/RNases/Proteases | not detectable |
| Assay (titr.) | min. 99 % |
| pH (5 % in water, 25°C) | 4.0 - 5.0 |
| Loss on drying | max. 10.0 % |
| Chloride | max. 0.005 % |
| Sulfate | max. 0.005 % |
| As | max. 0.0005 % |
| Cu | max. 0.001 % |
| Fe | max. 0.0001 % |
| Heavy metals (as Pb) | max. 0.002 % |

Einhausen, 18.03.2020