

## Certificate of Quality

**PRODUCT:** EDTA disodium/dihydrate  
**Cat. No.:** BR440-1KG  
**Lot No.:**  
**COMPONENTS:** EDTA disodium/dihydrate  
**DESCRIPTION:** BIOTECHNOLOGY GRADE  
CAS NO. 6381-92-6  
Formula 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  
Molecular Weight 372.24

TEST	SPECIFICATION	DISPOSITION
DNase	NONE	PASS
Heavy Metals (as Pb)	<= 0.005 %	PASS
Identification (FTIR)	PASS	PASS
Insolubles	<= 0.005 %	PASS
Iron	<= 0.01 %	PASS
Loss on Drying	8.7 - 11.4 %	PASS
Nitrilotriacetic Acid	<= 0.1 %	PASS
pH (5%, Water) @25C	4.0 - 6.0	PASS
Protease	NONE	PASS
Purity	>= 99.0 %	PASS
RNase	NONE	PASS

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

**STORAGE:** Store at room temperature.

**CAUTION:** Avoid contact with eyes, skin and clothing.  
Wash all areas of contact with copious amounts of water.  
For laboratory or further manufacturing use only.