

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ethylenediaminetetraacetic acid disodium salt dihydrate,ACS

ITEM NUMBER: E116430  
BRAND: Aladdin  
CAS NUMBER: 6381-92-6  
MDL NUMBER: MFCD00150037  
FORMULA: 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  
MOLECULAR WEIGHT: 372.24

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Assay	99 %	101 %	101 %
Fe	0 %	0.01 %	0.01 %
Heavy metals(Pb)	0 %	0.005 %	0.005 %
Infrared spectrometry	Conforms to Structure		
Insoluble matter	0 %	0.005 %	0.005 %
Nitrilotriacetic acid[(HOCOCH <sub>2</sub> ) <sub>3</sub> N]	0 %	0.1 %	0.1 %
pH of a 5% solution at 25.0 ° C	4	6	6
Proton NMR spectrum	Conforms to Structure		