

PRODUCT SPECIFICATION

Printed: 2/10/2014

Page 1 of 1

Catalog : E1058

Edetate Disodium, Dihydrate, BiotechGrade

CAS# : 6381-92-6

Formula : C₁₀H₁₄N₂Na₂O₈[2H₂O

Formula Weight : 372.24

Test	Limit	
	Min.	Max.
APPEARANCE	WHITE, CRYSTALLINE POWDER	
ODOR	ODORLESS	
ASSAY (C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ ; DRIED BASIS)	99.0 - 101.0 %	
pH OF A 5% SOLUTION @ 25[dC	4.0 - 6.0	
APPEARANCE OF A 5% SOLUTION	CLEAR & COLORLESS	
LOSS ON DRYING	8.7 - 11.4 %	
SOLUBILITY IN WATER	1 G / 11 ML	
SOLUBILITY IN CHLOROFORM	PRACTICALLY INSOLUBLE	
SOLUBILITY IN ETHER	PRACTICALLY INSOLUBLE	
CALCIUM (Ca)	TO PASS TEST	
HEAVY METALS	-- 0.005 %	
IRON (Fe)	-- 0.008 %	
NITRILOTRIACETIC ACID	TO PASS TEST	
ENDOTOXIN BY LAL	AS REPORTED	
DNase, RNase and Protease	NONE DETECTED	
IDENTIFICATION	TO PASS TEST	
EXPIRATION DATE		