

Zhengzhou Thadol Industry Co.,Ltd.

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Certificate of Analysis

EDTA

Test	Specification	Result
USP - Assay (dried basis)	99.0 - 101.0 %	99.5
USP - Identification A	Passes Test	PT
USP - Identification B	Passes Test	PT
USP - Identification C	Passes Test	PT
USP - pH (1 in 20)	4.0 - 5.5	4.5
USP - Loss on Drying (by wt)	8.7 - 11.4 %	9.3
USP - Calcium (Ca)	Passes Test	PT
USP - Heavy Metals	≤ 0.005 %	0.005
USP - Limit of Nitrilotriacetic Acid (by wt)	≤ 0.1 %	< 0.1
EP/BP - Appearance of Solution	Passes Test	PT
EP/BP - Identification A	Passes Test	PT
EP/BP - Assay	98.5 - 101.0 %	100.0
EP/BP - Identification B	Passes Test	PT
EP/BP - Identification D	Passes Test	PT
EP/BP - Impurity A and Related Substances - Impurity A	≤ 0.1 %	< 0.1
EP/BP - Iron (Fe)	≤ 80 ppm	80
EP/BP - Heavy Metals (as Pb)	≤ 20 ppm	< 20
EP/BP - pH (1 in 20)	4.0 - 5.5	4.5
Endotoxin Concentration (EU/g)	≤ 5	3
FCC - Assay (anhydrous basis)	99.0 - 101.0 %	99.5
FCC - Identification A	Passes Test	PT
FCC - Identification B	Passes Test	PT
FCC - Identification C	Passes Test	PT
FCC - Lead (Pb)	≤ 10 mg/kg	2
FCC - pH (1 in 100)	4.3 - 4.7	4.6
FCC - Calcium (Ca)	Passes Test	PT
FCC - Limit of Nitrilotriacetic Acid (by wt)	≤ 0.1 %	< 0.1

Bulk Food Chemical

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.

QC: ChenLiuQing

PIC: HuJianGuo

QUALIFIED

Note:the data above is tested by the standard department.