



Trafa Pharmaceutical Inc.

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SPECIFICATION SHEET

Product Name		Oxaloacetate (Oxaloacetic Acid)
CAS No.		328-42-7
Appearance		White to Off White Crystalline Powder
ITEMS	SPECIFICATION	METHOD
Assay	98.0-102%	USP
PHYSICAL CHARACTERISTICS		
Identification	Conforms to Standard	IR
Solubility (10.0g/100mL)	Clear, ≤100 Hazen	USP
Residue on Ignition	≤0.1%	USP
Acetone	≤1.0%	GC
Water	≤1.0%	KF
CHEMICAL CHARACTERISTICS		
Heavy Metals (as Pb)	NMT 10 ppm	USP
Arsenic (As)	NMT 2 ppm	ICP-MS
Lead (Pb)	NMT 2 ppm	ICP-MS
Cadmium (Cd)	NMT 1 ppm	ICP-MS
Mercury (Hg)	NMT 1 ppm	ICP-MS
Chloride	≤0.01%	USP
MICROBIOLOGICAL CHARACTERISTICS		
Total Plate Count	NMT 1000 cfu/g	USP <61>
Total Yeast & Mold	NMT 100 cfu/g	USP <61>
E. Coli	Not Detected in (g) 10	USP <61>
Salmonella	Not Detected in (g) 25	USP <61>
Packing and Storage	Polyethylene bag with cardboard drum. 25Kg net. Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

Abdullah Malik (QA)