

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Zinc citrate tribasic dihydrate, 98%

ITEM NUMBER: Z112493
BRAND: Aladdin
CAS NUMBER: 5990-32-9
MDL NUMBER:
FORMULA: C₁₂H₁₀O₁₄Zn₃·2H₂O
MOLECULAR WEIGHT: 610.35

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder or Granular Powder		
arsenic (As)	0 %	0.0005 %	0.0005 %
assay	98 %	100 %	100 %
Chloride (Cl)	0 %	0.05 %	0.05 %
Fluoride	0 ppm	30 ppm	30 ppm
Heavy metals	0 ppm	20 ppm	20 ppm
Lead	0 ppm	10 ppm	10 ppm
loss on drying, 105 ° C	0 %	1 %	1 %
pH(5%)	6	7	7
Proton NMR spectrum	Conforms to Structure		
Sulfate	0 %	0.05 %	0.05 %
Zinc content	0 %	0 %	>=31.3 %