

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Oxalic acid dihydrate,GR,99.8%

ITEM NUMBER: O111912
BRAND: Aladdin
CAS NUMBER: 6153-56-6
MDL NUMBER: MFCD00149102
FORMULA: C₂H₂O₄ · 2H₂O
MOLECULAR WEIGHT: 126.07

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(Ca)Calcium	0 %	0.001 %	0.001 %
Appearance	white powder or solid		
Chloride(Cl)	0 %	0.002 %	0.002 %
Heavy Metals (As Lead)	0 ppm	5 ppm	5 ppm
Ignition residue(Ash)	0 %	0.01 %	0.01 %
Infrared spectrum	Conforms to Structure		
Insoluble matter(C=8%, H ₂ O)	0 %	0.005 %	0.005 %
Iron(Fe)	0 ppm	2 ppm	2 ppm
Nitrogen compounds(as N)	0 %	0.001 %	0.001 %
Purity(Titration with NaOH)	99.8 %	100 %	100 %
solubility in water	clear , colorless , 100 mg plus 1 ml of water		
Substances Darkened (by H ₂ SO ₄)	Pass		
Sulfate	0 %	0.005 %	0.005 %