

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ascorbic acid,AR,>99.0%(T)

ITEM NUMBER: A103533
BRAND: Aladdin
CAS NUMBER: 50-81-7
MDL NUMBER: MFCD00064328
FORMULA: C₆H₈O₆
MOLECULAR WEIGHT: 176.12

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(SO ₄)Sulfate	0 %	0.002 %	0.002 %
Chloride(Cl)	0 %	0.005 %	0.005 %
Clarity of solution	Clarify		
Heavy metals(as Pb)	0 ppm	0.001 ppm	0.001 ppm
Ignition residue (as sulfate)	0 %	0.05 %	0.05 %
Iron(Fe)	0 ppm	0.0002 ppm	0.0002 ppm
Loss on drying	0 %	0.1 %	0.1 %
Purity(iodometric titration)	99 %	100 %	100 %
Specific rotation [α] ₂₀ /D(C=10, H ₂ O)	+20.5 °	21+5 °	+21.5 °