

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Squaric acid,98%

ITEM NUMBER: S107639  
BRAND: Aladdin  
CAS NUMBER: 2892-51-5  
MDL NUMBER: MFCD00001334  
FORMULA: C4H2O4  
MOLECULAR WEIGHT: 114.06

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	white to pale yellow Powder, Crystals and/or Chunk		
Infrared spectrum	Conforms to Structure		
Melting point	0 ° C	0 ° C	>=295 ° C
Purity(HPLC)	98 %	100 %	100 %
Purity(Titration with NaOH)	97.5 %	102.5 %	102.5 %
Solubility in Water	Colorless to Faint Yellow,Clear to Hazy,c=5%		