

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Sodium sulfite,AR,98.0%

ITEM NUMBER: S112300
BRAND: Aladdin
CAS NUMBER: 7757-83-7
MDL NUMBER: MFCD00003503
FORMULA: Na₂SO₃
MOLECULAR WEIGHT: 126.04

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Acid sulphite	pass		
Appearance	White powder		
arsenic (As)	0 %	0.0001 %	0.0001 %
Chlorine(Cl)	0 %	0.005 %	0.005 %
Clarity	pass		
Free alkali(as Na ₂ CO ₃)	0 %	0.1 %	0.1 %
heavy metals (as Pb)	0 %	0.001 %	0.001 %
Iron(Fe)	0 %	0.0005 %	0.0005 %
Loss on drying(200 ° C,2h)	0 %	1 %	1 %
Miscellaneous tests insoluble matter	0 %	0.005 %	0.005 %
Purity(redox titration)	98 %	102 %	102 %
Solubility in H ₂ O	Colorless Clear 100 mg/ml		
Thiosulfate(S ₂ O ₃)	0 %	0.01 %	0.01 %
X-Ray Diffraction	Conforms to Structure		