

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Sodium carbonate anhydrous,GR, 99.8%

ITEM NUMBER: S111733
BRAND: Aladdin
CAS NUMBER: 497-19-8
MDL NUMBER: MFCD00003494
FORMULA: Na₂CO₃
MOLECULAR WEIGHT: 105.99

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Aluminum(Al)	0 %	0.001 %	0.001 %
Assay	99.8 %	100 %	100 %
Calcium(Ca)	0 μg/mg /	0.005 μg/mg /	0.005 μg/mg /
Chloride(Cl)	0 %	0.001 %	0.001 %
Clarity of solution	Clarify		
Heavy metals(Pb)	0 %	0.0005 %	0.0005 %
Insoluble matter in water	0 %	0.005 %	0.005 %
Iron(Fe)	0 ppm	0.0003 ppm	0.0003 ppm
Loss on drying	0 %	0.5 %	0.5 %
Magnesium(Mg)	0 %	0.0005 %	0.0005 %
Nitrogen(N)	0 %	0.001 %	0.001 %
Phosphate and Silicate(SiO ₃)	0 %	0.0025 %	0.0025 %
Potassium(K)	0 %	0.005 %	0.005 %
Sulfur compounds(SO ₄)	0 %	0.003 %	0.003 %
X-Ray Diffraction	Conforms to Structure		