

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium sulfate,AR,99%

ITEM NUMBER: A112091  
BRAND: Aladdin  
CAS NUMBER: 7783-20-2  
MDL NUMBER: MFCD00003391  
FORMULA: H<sub>8</sub>N<sub>2</sub>O<sub>4</sub>S  
MOLECULAR WEIGHT: 132.14

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(NO <sub>3</sub> )Nitrate	0 %	0.001 %	0.001 %
(PO <sub>4</sub> )Phosphate	0 %	0.0005 %	0.0005 %
Arsenic(As)	0 %	2e-005 %	2e-005 %
Assay	99 %	100 %	100 %
Calcium(Ca)	0 %	0.005 %	0.005 %
Chloride(Cl)	0 %	0.0005 %	0.0005 %
Clarity		pass	
Fe	0 %	0.0002 %	0.0002 %
heavy metals (as Pb)	0 %	0.0005 %	0.0005 %
Ignition residue (as sulfate)	0 %	0.01 %	0.01 %
Insoluble matter in water	0 %	0.002 %	0.002 %
pH(50g/L solution , 25 ° C)	4.8	6	6