



CERTIFICATE OF ANALYSIS

Product	Ammonium phosphate, dibasic
Grade	ACS
Product Code	ADB0040
Formula	$(\text{NH}_4)_2 \text{HPO}_4$
MW	132.06
CAS#	7783-28-0
Lot No	

Test Items	Specifications	Results
Appearance	White Crystals, Crystalline Powder and/or Chunks	
Infrared spectrum	Conforms to the Structure	
Assay (Titration by HCl)	$\geq 98\%$	
Insoluble matter	$\leq 0.005\%$	
Chloride	$\leq 0.001\%$	
Iron	$\leq 0.001\%$	
Potassium	$\leq 0.005\%$	
Sodium	$\leq 0.005\%$	
Nitrate (NO_3)	$\leq 0.003\%$	
Heavy Metals (as Lead)	$\leq 0.001\%$	
pH (5%, Water) @25°C	7.7-8.1	
Sulfate	$\leq 0.01\%$	
Calcium	$\leq 0.001\%$	
Magnesium	$\leq 0.0005\%$	

Storage: R.T.