

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium formate,for HPLC, 99.0%

ITEM NUMBER: A100185
 BRAND: Aladdin
 CAS NUMBER: 540-69-2
 MDL NUMBER: MFCD00013103
 FORMULA: CH5NO2
 MOLECULAR WEIGHT: 63.06

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
filter test	corresponds to standard		
Melting point	119 ° C	121 ° C	121 ° C
pH	5.5	7.5	7.5
Purity(Nonaqueous tieration)	99 %	100 %	100 %
RP gradient test	pass test		
solubility in water	colorless and clear(0.1 g/mL at 25 ° C)		
UV absorption : 250 nm A	0	0.05	0.05
UV absorption : 260 nm A	0	0.04	0.04
UV absorption : 270 nm A	0	0.03	0.03
UV absorption : 280 nm A	0	0.02	0.02
UV absorption : 500 nm A	0	0.02	0.02
Water by Karl Fischer	0 %	2 %	2 %
X-Ray Diffraction	Conforms to Structure		
	10% in H2O		