

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium iron citrate,AR,Fe:20.5-22.5%

ITEM NUMBER: A100170  
BRAND: Aladdin  
CAS NUMBER: 1185-57-5  
MDL NUMBER: MFCD00013099  
FORMULA: C<sub>6</sub>H<sub>11</sub>FeNO<sub>7</sub>  
MOLECULAR WEIGHT: 265.00

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Brown to Dark Red-Brown Powder, Crystals, Granules		
Arsenic(As)	0 %	0.0005 %	0.0005 %
Chloride(Cl)	0 %	0.1 %	0.1 %
Heavy metals(Pb)	0 %	0.02 %	0.02 %
Infrared spectrum	Conforms to Structure		
Iron by Elemental Analysis	20.5 %	22.5 %	22.5 %
Solubility in water	Yellow to Brown Clear 100mg/ml		
Sulfate(SO <sub>4</sub> )	0 %	0.1 %	0.1 %