



CERTIFICATE OF ANALYSIS

Product	Iron (III) nitrate, nonahydrate
Grade	ACS
Product Code	FD0206(D0206)
Formula	Fe(NO ₃) ₃ • 9H ₂ O
MW	404.00
CAS#	7782-61-8
Lot No	

Test Items	Specifications	Results
Appearance	Off-White to Pale Purple Moist Crystals	
Infrared spectrum	Conforms to Structure	
Titration by Na ₂ S ₂ O ₃	98.0 - 101.0 %	
Insoluble matter (c = 10 %; Dilute HNO ₃)	≤0.005%	
Chloride (CL)	≤5ppm	
Sulfate	≤0.01%	
Calcium (Ca)	≤0.01%	
Magnesium (Mg)	≤0.005%	
Potassium (K)	≤0.005%	
Sodium (Na)	≤0.05%	

Storage: Store at room temperature. Protect from moisture