



Cole-Parmer Instrument Company

Product Specification

Chemical Name: Aluminum Nitrate, Nonahydrate, Crystal, ACS

Catalog #: 89000-21

F.W.: 375.14

Chemical Formula: $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$

CAS: 7784-27-2

Density: N/A N/A

Item	Specification
Assay [$\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$]	98.0-102.0%
Calcium (Ca)	0.005% max.
Chloride (Cl)	0.001% max.
Heavy metals (as Pb)	0.001% max.
Insoluble matter	0.005% max.
Iron (Fe)	0.002% max.
Magnesium (Mg)	0.001% max.
Potassium (K)	0.002% max.
Sodium (Na)	0.005% max.
Sulfate (SO ₄)	0.005% max.



The above are the specification ranges and limits set for this product.