

**Certificate of Analysis**

**Product: Potassium Nitrate Powder**  
**Item Number: PONPM**  
**Grade: Multi Compendial (ACS, USP, FCC)**  
**Lot Number: 5001980/1.1**  
**Manufacture Date: 08/13/2025**  
**Expiration Date: 08/12/2030**  
**Country of Origin: India**

Tested Property	Specification	Analysis
Appearance	White or colorless crystalline powder	White crystalline powder
Identification	To pass the test	Pass
Assay	Min 99.00%	99.45
pH of a 5% solution @25°C	4.5 - 8.5	6.45
Insoluble matter	Max 0.005%	0.0025
Chloride	Max 0.002%	<0.002
Iodate	Max 5 ppm	<5
Nitrite	Max 0.001%	<0.0005
Phosphate	Max 5 ppm	<5
Sulfate	Max 0.003%	<0.003
Heavy metals by ICP-OES	Max 5 ppm	<5
Iron	Max 3 ppm	<3
Calcium	Max 0.005%	<0.0005
Magnesium	Max 0.002%	<0.0002
Sodium	Max 0.005%	<0.0035

Store in a cool, dry, and well-ventilated environment.  
CAS RN: 7757-79-1

[Potassium Nitrate Powder](#)

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