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Certificate Of Analysis

Product Name: Ammonium Persulfate
INCI Name: Ammonium Persulfate
CAS Number: 7727-54-0
Batch Number: Not available(data may vary slightly with different lots and batches)
Expiration Date: 24 months from production date

Analytical Tests	Specification	Analysis
Appearance (Color) ⁹	White to Off White	White
Appearance (Form)	Powder or Crystals	Fine Crystalline Powder
Assay (Redox Titration)	98.0 - 102.0%	99.4%
Titratable Acid	≤ 0.04 meq/g	0.01 meq/g
Sulfated Ash	$\leq 0.05\%$	0.02%
Heavy Metals (as Pb)	$\leq 0.001\%$	<0.001%
Chloride, Chlorate (as Cl)	≤ 10 mg/kg	6 mg/kg
Water Insoluble Matter	$\leq 0.005\%$	0.002%
Iron (Fe)	≤ 10 mg/kg	3 mg/kg
Manganese (Mn)	≤ 0.5 mg/kg	0.1 mg/kg
Conclusion: Batch compiles with the specification		

The general chemical has been manufactured in accordance with the applicable Indian regulations for chemical substances. The product complies with the quality standards set by the regulatory authorities in India.

Note: This Certificate of Analysis is based on the information available at the time of testing and may be subject to change based on subsequent analysis or regulatory updates.

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