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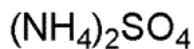
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	35392
Product	Ammonium sulfate
CAS Number	7783-20-2
Molecular Formula	$(\text{NH}_4)_2\text{SO}_4$
Molecular Weight	132.14

Appearance	White crystalline compound
Solubility	Colorless solution (50% aq. solution)
Solubility (Turbidity)	Clear solution (50% aq. solution)
Anion	Chloride (Cl) : $\leq 0.0005\%$ Nitrate (NO ₃) : $\leq 0.001\%$
Cation	Iron (Fe) : $\leq 0.0001\%$ Arsenic (As) : $\leq 0.00002\%$
pH	5 - 6
UV Ratios	Absorbance (A) of 1 M aq. solution in a 1 cm cell v/s H ₂ O : At 260 nm : ≤ 0.027 At 280 nm : ≤ 0.022
Loss on Drying	$\leq 0.2\%$
RNase, DNase, Protease	Not detected
Sulfated Ash	$\leq 0.01\%$
Assay by titration	$\geq 99.5\%$
Grade	Molecular biology reagent grade
Storage	Store at RT

For Laboratory Use Only