



Product Specifications

AMMONIUM PERSULFATE

<u>Catalog #</u>	<u>Size</u>
IB70080	100gm

Physical Specifications

CAS#	7727-54-0
Formula Weight	228.19
Molecular Formula	$(\text{NH}_4)_2\text{S}_2\text{O}_8$
Purity	Min. 98.0%
Insolubles	Max. 0.005%
Residue on Ignition	Max. 0.05%
Titrateable Free Acid	Max. 0.04meq/g
Chloride and Chlorate	Max. 0.001%
Heavy Metals (as Pb)	Max. 0.005%
Iron	Max. 0.001%
Manganese	Max. 0.00005%

Molecular Biology Specifications

Polymerization assay	Pass
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Recommended Use

A potent oxidizer that promotes polymerization of acrylamide gels by scavenging dissolved oxygen in the gel solution thereby accelerating the acrylamide/bisacrylamide reaction

Storage

Store at room temperature. Protect from moisture.

Warning

Oxidizer. Contact with other materials may cause fire or explosion. May be harmful or fatal if swallowed. Avoid contact with eyes, skin and clothing. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.