

Ammonium persulphate, Hi-ARTM/ACS

GRM1095


Product Identifier

CAS No.	:	7727-54-0
EC No.	:	231-786-5
EC Index No	:	016-060-00-6
Molecular Formula	:	(NH ₄) ₂ S ₂ O ₈
Molecular Weight	:	228.20
Synonym	:	Ammonium peroxodisulphate
HS Code	:	2833 40 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colorless to off-white crystals or powder or granules or chunks or solid
Solubility	:	100 mg soluble in 1 mL of water
Chloride and Chlorate (as Cl)	:	<= 0.001%
Heavy metals (as Pb)	:	<= 0.005%
Iron (Fe)	:	<= 0.001%
Manganese (Mn)	:	<= 0.00005%
Residue on ignition	:	<= 0.05%
Insoluble matter	:	<= 0.005%
Titration acid	:	<= 0.04 meq/g
Assay (Iodometry/KMnO ₄ Titration)	:	98.50 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H272- H302- H315- H317- H319- H334- H335
Precautionary Statement(s)	:	P210- P261- P280- P304 + P340- P342 + P311- P370 + P378
UN No.	:	1444
Class	:	5.1
Packing Group	:	III
RTECS	:	SE0350000
WGK	:	1