

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Ammonium Persulphate AR

Mol. Formula : $(\text{NH}_4)_2\text{S}_2\text{O}_8$

Mol. Weight : 228.19 g/mol

Catalog No. : A-2107

Cas No : 7727-54-0



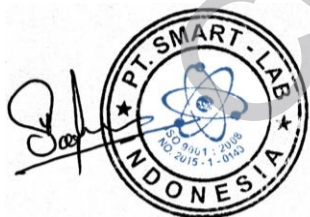
Batch No. : Sample COA

Shelf Life : 60 Months

NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	—	white granular crystals or crystalline powder, slowly decomposes with loss of oxygen	White crystalline powder
2.	Assay (iodometric)	wt %	min 98.0	99.877
3.	Water-insoluble matter	wt %	max 0.005	0.0026
4.	Free acid (as H_2SO_4)	wt %	max 0.2	0.071
5.	Chloride (Cl)	wt %	max 0.001	0.00053
6.	Iron (Fe)	wt %	max 0.001	0.00045
7.	Heavy metals (as Pb)	wt %	max 0.005	0.00027
8.	Manganese (Mn)	wt %	max 0.00005	< 0.00005
9.	Residu after ignition (as SO_4)	wt %	max 0.05	0.029

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC