

CERTIFICATE OF ANALYSIS

Product Name	Potassium Carbonate Anhydrous AR		
Synonyms	Potassium Carbonate		
CAS No	584-08-7		
Product code	SY00337	Batch No	LPOBF0903
Molecular Formula	K ₂ CO ₃	Molecular Weight	138.21
Mfg. Date	Sep-26	Expiry Date	Aug-31
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Description	White Hygroscopic powder	White Hygroscopic powder
Solubility	Solubility (Colour) 10% aq. solution	Clear , Colourless
Assay (HCl titration)	NLT.99%	99.50%
Insoluble matter	NMT 0.01%	0.002%
Chloride (Cl)	NMT 0.003%	Passes
Sulphate (SO₄)	NMT 0.004%	Passes
Iron (Fe)	NMT 0.0005%	Passes
Sodium (Na)	NMT 0.02%	Passes
Phosphate (PO₄)	NMT 0.001%	Passes
Silicate (SiO₂)	NMT 0.005%	Passes
Heavy Metals (Pb)	NMT 0.0005%	Passes
Calcium (Ca)	NMT 0.005%	Passes
Magnesium (Mg)	NMT 0.002%	Passes

Approved by
Dr. Gopinath PH. D

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