



Specification Potassium Carbonate - 25kg Bag

The following specification is the latest revision (as at 01 Jul 2021) and supersedes all previous specifications for this product code.

Specification Details					
Product Code	POCARB4000	CAS Number	584-08-7	Shelf Life	365 Day
Product	Potassium Carbonate - 25kg Bag				
Pack Size	25 kg net Bags				
Customer Name	Alpha Chemicals Pty Ltd				
Revision	18 (on 1/10/2019)	Std. Compliance	FCC11, FAIA E501(i)		
Authorised By	Damien Barrett Quality Assurance Manager	Notes	Updated conformance statement to FCC11		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Appearance: white granule				
Chemical formula: K ₂ CO ₃				
Molecular Weight: 138.2				
Identification: Carbonate		Passes Test		FCC
Identification: Potassium		Passes Test		FCC
Total alkali as K ₂ CO ₃ , on dried basis	%	99.85	99.5 - 100.5	
Chloride, as KCl	%	0.005	Max 0.01	
Iron as Fe	%	0.0001	Max 0.0003	
Potassium hydroxide, KOH	%	0.19	Max 0.2	
Sodium as Na ₂ CO ₃	%	0.27	Max 1.2	
Sulphate as K ₂ SO ₄	%	0.002	Max 0.02	
Ignition loss, 4 hrs @ 180 deg C	%	0.06	Max 0.6	
Arsenic as As	ppm	Trace	Max 0.1	
Heavy metals, as Pb	%	0.0002	Max 0.0005	
Water Insoluble	%	0.0005	Max 0.0005	
KClO ₃	%	0.004	Max 0.03	
Ni	ppm	trace	Max 2	
Cd	ppm	0.01	Max 1	
Hg	ppm	0.01	Max 1	
Lead, Pb	ppm	0.01	Max 2	
Over 16 mesh, 1.19mm	%	0.0	nil	
Over 20 mesh, 0.84mm	%	0.0	Max 5.0	
Between 20-40 mesh	%	61.1		
Between 40-80 mesh	%	38.6		
Between 80-100 mesh	%	0.2		
Under 100 mesh	%	0.1	Max 2.0	
Conforms to FCC11, FAIA E501(i)			Conforms	

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