

Product	Commercial Name				HS Code
Potassium carbonate (Feed)	Standard feed P				28364000
Chemical Specifications	Typical Values	Min	Max	Units	Method of Analysis
Potassium carbonate (K_2CO_3 , as total alkalinity)	99,6	99,3		%	Volumetric titration
Sodium carbonate (Na_2CO_3)	0,2		0,25	%	Spectrophotometry
Chloride (Cl)			0,01	%	
Sulphate (SO_4)			0,1	%	
Iron (Fe, as Fe_2O_3)	5		10	ppm	Photocolorimetry
Insoluble matter			0,01	%	Gravimetric analysis
Loss on ignition	0,4		1	%	At 500°C
Arsenic (As)	ND		2	ppm	Acid dilution-HG.AAS
Cadmium (Cd)	ND		2	ppm	Acid dilution-GF.AAS
Lead (Pb)	0,1		10	ppm	Acid dilution-GF.AAS
Mercury (Hg)	ND		0,1	ppm	Acid dilution-CV.AAS
Fluorine (F)	ND		150	ppm	Spectrophotometry
Nitrites	7		15	ppm	Spectrophotometry
Melamine	ND		2,5	ppm	HPLC-UV-DAD
Dioxins and dioxin-like PCBs			1	ng/kg	

Physical Specifications	Values	Units
Appearance	white crystalline powder	
Bulk density	0,8	kg/dm ³
Solubility in water (100g water at 20°C)	110	g/100cc
Melting point	890	°C
Particle size distribution: > 1,6 mm	0	%
Particle size distribution: > 1,25 mm	5	%
Particle size distribution: < 0,16 mm	10	%

General Data	Values	Transport Classification	UN Number
Chemical Formula	K_2CO_3	Harmless	
Molecular Weight	138,2		
CAS no	584-08-7		
EINECS no	209-529-3		

Packaging Description	FTL	FCL20"	FCL40"	FST
25kg polyethylene bags palletized on CP1 pallets per 1000kg	24	20		
1000kg big bags with polyethylene inner liners palletized on CP1 pallets	24	20		

Remarks

Latochema alpha number: aEL5400015

Feed quality in accordance with the EC Regulations 178/2002 (food and feed safety principles), 767/2009 (presentation in the market), 183/2005 (feed hygiene requirements) and Directive 2002/32/EC (limits of undesirable substances).

Catalog Reference : 11.5.3