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Carbonate de Sodium

Specifications

Origin: Turkey

Grade: Natural dense

CAS N° 497-19-8

EINECS N° 207-838-8

		Specification	Method
Sodium Carbonate Na ₂ CO ₃	%	99.5 min.	Titrimetric E359-00 (2010)
Sodium Sulfate Na ₂ SO ₄	%	0.1 max.	E359-00 (2010)
Sodium Oxide Na ₂ O	%	58.2 min.	
Sodium Chloride NaCl	%	0.1 max.	E359-00 (2010)
Iron Fe (Total)	ppm	10 max.	E359-00 (2010)
Water Insolubles	%	0.05 max.	ISO 746(1976)
Arsenic As	PPm	1 max	AAS
Lead Pb	Ppm	1 max	AAS
Mercury Hg	PPm	1 max	AAS
Bulk Density	g/cm ³	0.95-1.15	ISO 697(1981)
Moisture	%	0.5 max (0.1% typical)	
PH		11.4 (typical)	1% solution
Loss on drying	%	2 max	Raising gradually from 70°C to 300°C
Solubility in water	(100°C) (35.37°C) (0°C)	45.5 49.5 7	g/100ml water g/100ml water g/100ml water
Size distribution	+ 600 micron (pm)	5% max.	ASTM E359-00 (2010)
(cumulative)	+150 micron (pm)	88% min.	
	- 75 micron (pm)	5% max.	