Saral Minerals & Chemicals India LLP

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CERTIFICATE OF ANALYSIS

LITHIUM CARBONATE, TECHNICAL GRADE, CRYSTALLIZED

GENERAL DESCRIPTION **LOT N°** **1123083119**

CHEMICAL FORMULA	Li2CO3
APPEARANCE	WHITE CRYSTAL
INTERNAL CODE	CRY9024.00/MX/60

SPECIFICATION					Analysis
LITHIUM CARBONATE	Li2CO3	wt%	99.2	Min	99.6
CHLORIDE	Cl	ppm	100	Max	50
SULPHATE	SO4	ppm	500	Max	461
SODIUM	Na	ppm	400	Max	271
POTASSIUM	K	ppm	50	Max	15
CALCIUM	Ca	ppm	120	Max	62
MAGNESIUM	Mg	ppm	100	Max	39
BORON	B	ppm	30	Max	14
IRON OXIDE	Fe2O3	wt%	0.003	Max	0.001
MOISTURE	H2O	wt%	0.2	Max	0.1
INSOLUBLE	in HCl	wt%	0.01	Max	0.008
LOSS ON IGNITION (550°C)	LOI	wt%	0.50	Max	0.31
PARTICLE SIZE (+20 Mesh)	> 0.84 mm	wt%	0,50	Typ	0.4
PARTICLE SIZE (+200 Mesh)	> 0.07 mm	wt%	15	Typ	12.5
FREE FALL DENSITY	FFD	g/cm3	0,20 - 0,40	Typ	0.3
TAP DENSITY	Tap Densit	g/cm3	0,50 - 0,90	Typ	0.6

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