

LITHIUM CARBONATE

USP



Globe Reference:
CUSP 5010136

Formula	Li ₂ CO ₃ Mr = 73,89
Action and use	Antidepressive/Antimanic
Characteristics	White granular or odourless powder
Solubility	Conform
IDENTIFICATION	
. Carbonate	Positive
. Lithium	Positive
ESSAYS	
. Alkaline reaction	Positive
. Loss on drying (200°C /4h)	Not more than 1.0 per cent
. Insoluble Substances	Not more than 0,02 per cent
. Chloride	Not more than 0.07 per cent
. Sulfate	Not more than 0.1 per cent
. Iron the Aluminum	Conform
. Calcium	Not more than 0.15 per cent
. Sodium	Not more than 0,1 per cent
. Heavy metals	Not more than 0.002 per cent
. Organics volatile impurities	Conform
ASSAY	
. Lithium Carbonate by titration calculated on dried basis	Not less than 99.0 per cent
. Particle size - 200 mesh (75 um)	Not more than 30.0 per cent retained
Storage	In well-closed containers
Packaging	25 Kg fiber drum with double polyethylene bags



GLOBE QUÍMICA
TECHNOLOGICAL EXPERTISE

SYSTEM OF MANAGEMENT QUALITY **ISO-9001/2000**
CERTIFICATE COMPANY IN GOOD MANUFACTURING
PRACTICES – **GMP**

GLOBE QUÍMICA S.A.

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FINE CHEMICALS