



## ALCON BIOSCIENCES PRIVATE LIMITED

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### SPECIFICATION OF CALCIUM CARBONATE

**Product Name: Calcium Carbonate**

TEST	SPECIFICATION
<b>Appearance</b>	Free flowing white powder
<b>Odor</b>	Odorless
<b>Solubility</b>	In water –Insoluble In dilute hydrochloric acid- soluble In dilute nitric acid – soluble
<b>Identification A &amp; B</b>	Complies
<b>Substances insoluble in acetic acid</b>	Max 0.2%
<b>Acid insoluble substances in HCl</b>	Max 0.2%
<b>Chloride</b>	Max 330 ppm
<b>Fluoride</b>	Max 50 ppm
<b>Sulphate</b>	Max 0.25%
<b>Arsenic</b>	Max 3.0ppm
<b>Barium</b>	Complies
<b>Heavy metals (as Pb)</b>	Max 20ppm
<b>Iron</b>	Max 200ppm
<b>Lead</b>	Max 1.0ppm
<b>Cadmium</b>	Max 1.0ppm
<b>Mercury</b>	Max 0.1ppm
<b>Particle size Passing through 200 # BSS (75 micron)</b>	Min 95.0%
<b>Bulk Density Tapped</b>	Min 0.85 g/ml
<b>Assay as CaCO<sub>3</sub></b>	98.5% to 100.5%
<b>as Ca</b>	39.4% to 40.2%
<b>Magnesium and alkali metals</b>	Max 1.0%
<b>Loss on drying</b>	Max 2.0%

**REMARK: THE PRODUCT COMPLIES AS PER BP/USP.**