Manufacture Of Fine and Speciality Chemicals
Works: Plot no. 1116, Lamadapuraroad,Manjusar-391775,Ta- savli,Dis.Vadodara, Gujarat, India
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FINISHED PRODUCT SPECIFICATION

QCD.F.074

Name of Product	:	**Calcium Carbonate**			
Chemical Formula	:	$CaCO_3$	Effective Date	:	10/12/2016
Molecular Weight	:	100.09 g/mol	Retest Date	:	After 3 Year
CAS No.	:	471-34-1	Master Copy	:	Quality Control
Specification	:	Confirmed as IP			
Product Code	:	FP062001			
HSN Code	:	28365000			
Department	:	Quality Control	Page No.	:	01 0f 01

NO.	TEST	SPECIFICATION
1.	Description	Fine, White, Microcrystalline Powder
2.	Solubility	Practically insoluble in water and in *ethanol (95%);* Slightly soluble in water containing carbon dioxide, or any ammonium salt. It is soluble with effervescence in dilute acids.
3.	Identification	Gives reactions A and B of *calcium salts,* Gives reactions A of *Carbonates*
4.	Arsenic	Max. 0.0004%
5.	Heavy Metal	Max. 0.002%
6.	Barium	Passes the Test
7.	Iron	Max. 0.02%
8.	Magnesium and alkali metals	Passes the Test
9.	Chloride	Max. 0.025%
10.	Sulphate	Max. 0.3%
11.	Loss on Drying at 200°C	NMT 2.0%
12.	Assay (On Dry Basis)	NLT 98 % and NMT 100.5% of $CaCO_3$
Storage	:	Store in well-closed containers.

PREPARED BY	CHECKED BY	APPROVED BY
SIGN DATE	SIGN DATE	SIGN DATE