



**BIMAL PHARMA PVT. LTD.**

**TYPICAL CERTIFICATE OF ANALYSIS**

**Name of the Product : Calcium Propionate, FCC V (Food Grade)**

<b>Sr. No.</b>	<b>Name of Index</b>	<b>Specifications</b>	<b>Result</b>
1.	Appearance	White Crystalline Powder	White Crystalline Powder
2.	Test for Propionate	Should Pass the Test	Passed Test
3.	Test for Calcium	Should Pass the Test	Passed Test
4.	Assay (ODB)	98.0% to 100.5 %	99.8%
5.	pH(10% aqueous solution)	7.5 to 10.5	8.2
6.	Insoluble In Water	≤ 0.2%	< 0.20%
7.	Loss on drying (105°C 2hrs)	≤ 5.0%	4.3%
8.	Iron	≤ 50 ppm	< 50 ppm
9.	Fluoride	≤ 30 ppm (0.003%)	< 30 ppm
10.	Arsenic	≤ 3 ppm	< 3 ppm
11.	Lead	≤ 2 ppm	< 2 ppm
12.	Magnesium	Should Pass the Test	Passed Test

**Conclusion : It complies with the standard of FCC V.**  
**Note : As per E-282, Loss on Drying (Water Content) is NMT 4.0 %.**