

**ARASAN PHOSPHATES PRIVATE LIMITED**  
**S.No.148/12, 13, 17, 19 & 20, Kothali Village**  
**Ottapidaram Taluk, Tuticorin District, Tamilnadu**

DIBASIC CALCIUM PHOSPHATE I.P.  
**ANHYDROUS Grade**

MFG.LIC.NO.934/28  
Report No.APPL/0110

Date:25.09.09

CERTIFICATE OF ANALYSIS

Batch No: 0912

Date of Manufacturing : Sep'09

Date of Expiry Date : Sep'14

Results of Analysis :

1. Description	: <b>White Crystalline powder</b>
2. Soluability	: <b>Soluable only Dilluted Hydrochloric &amp; Nitric Acid</b>
3. Identification	: <b>White Fine Powder</b>
4. Acid-Insoluable substances	: <b>0.084%..... (I.P Limit:Not more than 0.1%)</b>
5. Barium	: <b>Nil</b>
6. Iron	: <b>300 PPM ..... (I.P Limit:Not more than 400 PPM)</b>
7. Carbonate	: <b>Nil</b>
8. Chloride	: <b>400 PPM..... (I.P Limit:Not more than 500 PPM)</b>
9. Sulphate	: <b>Complies</b>
10. Nitrate	: <b>Complies</b>
11. Arsenic	: <b>Less than 5 PPM...(I.P Limit:Not more than 10 PPM)</b>
12. Heavy Metals	: <b>Less than 10 PPM (I.P Limit:Not more than 40 PPM)</b>
13. Loss on Ignition	: <b>7.26%..... (I.P Limit:Not more than 6.5% - 8.5%)</b>
14. Proteinous impurities	: <b>Nil</b>
15. Reducing substances	: <b>Nil</b>
16. Monocalcium and Tricalcium Phosphate	: <b>Nil</b>
17. Assay	: <b>100.26%.....(I.P Limit:Not more than 98% - 105%)</b>

**Content of DCP as  
CaHPO<sub>4</sub> 2H<sub>2</sub>O**

**REPORT** :In the opinion of the undersigned the sample reffered is of standard Quality

Signed by

Person in-charge