

6. Date of analysis of Sample:20.12.2019.....
 7. Chemical analysis of fertilizer (on fresh weight basis except in the case of Urea on dry weight basis):-
 Specifications as per F.C.O.

S.No.	Composition as per Analysis	Variation	Permissible tolerance limit
1	2	3	4
(i) Zinc (as Zn), % by weight, minimum-5.0%	3.80%	(-)1.20%	5
(ii) Iron (as Fe), % by weight, minimum-2.0%	2.56%	(+)0.56%	0.2 unit for all nutrient
(iii) Copper (as Cu), % by weight, minimum-0.5%	0.51%	(+)0.01%	As per FCO-1985
(iv) Manganese (as Mn), % by weight, minimum-0.5%	2.02%	(+)0.02%	± 0.25
(v) Boron (as B), % by weight, minimum-0.05%	0.52%	(+)0.02%	
(vi) Molybdenum (as Mo), % by weight, minimum-0.05%	0.06%	(+)0.01%	
(vii) pH, 3.5 (+/- 0.25)	4.23	(+)0.73%	
(viii) Matter insoluble in water, % by weight, maximum-4.0%	0.56 %	(-)3.44%	

Remarks :- The sample is not according to specifications and fails in Zinc & pH Content, hence declared as Non-Standard.

(C.M.Balai)
 Deputy Director Agri. (Q.C.)
 State Fertilizer Quality Control Laboratory
 Durgapura Jaipur (Raj.)

No.: FQSC/CL/Chem Sample Res-1/2019-20/1117-20

