

Indian Standard

MINERAL MIXTURES FOR SUPPLEMENTING CATTLE FEEDS – SPECIFICATION
(Fourth Revision)

Sr. No.	Characteristic	Requirement	
		Type 1	Type 2
1	Moisture, percent by mass (Max.)	5	5
2	Calcium, percent by mass (Min.)	16	20
3	Phosphorus, percent by mass (Min.)	9	12
4	Magnesium, percent by mass (Min.)	4	5
5	Salt (chlorine as NaCl), percent by mass (Min.)	22	-
6	Iron, percent by mass (Min.)	0.3	0.4
7	Iodine (as KI), percent by mass (Min.)	0.020	0.026
8	Copper, percent by mass (Min.)	0.078	0.100
9	Manganese, percent by mass (Min.)	0.10	0.12
10	Cobalt, percent by mass (Min.)	0.009	0.012
11	Fluorine, percent by mass (Max.)	0.05	0.07
12	Zinc, percent by mass (Min.)	0.64	0.80
13	Sulphur, percent by mass	1.4 - 2.3	1.8 – 3.0
14	Acid insoluble ash, percent by mass (Max.)	2.4	3.0
15	Lead (as Pb), mg/kg (Max.)	16	20
16	Arsenic (as As ₂ O ₃), mg/kg (Max.)	5	7
17	Total ash, in moisture-free sample, percent by mass	81 – 88	78 – 85
18	Presence of proteinous/ organic impurities	Shall pass the test	Shall pass the test

Note: The values for requirement given in sr. No. 2 to 17 are on moisture-free basis.