

**SPECIFICATION OF**  
**CARAMEL POWDER TYPE IVDS**

Sr.No	Parameters	Standard limit
1	Color	Dark brown black
2	Odour	Caramelized
3	Colloidal charge	Negative
4	Bulk density	0.6-0.8
5	Colour Strength(OD@610nm of 0.1%Sol.)	0.28-0.50
6	pH (at 20°C) ( 1 % soln)	3 to 4
7	Solubility	All parts in water
8	Consistency	free flowing powder
9	Acid stability	Stable to strong acids
10	Phosphoric acid test	Passes -no ppt after 24 hours
11	Moisture	10% Max
12	Arsenic	Max.3 ppm
13	Lead	Max.5 ppm
14	Copper	Max. 20 ppm
15	Aerobic plate count	200cfu/g, max.
16	Yeast	10cfu/g, max.
17	Mold	10cfu/g, max.
18	E.Coli	<3 MPN/g
19	Salmonella (cfu/25gm.)	Negative
20	Packing	As per requirement
21	Storage conditions	Cool and dry environment, preferably not to exceed 90°F. Product should not be allowed to freeze.
22	Shelf-life	24 months under storage conditions

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