



Certificate of Analysis

Baking powder

Sr No.	Characteristics	UOM	Specification	Result
1	Description	-	White Uniform & Free From Foreign Matter	PASS
2	Whiteness	%	95.0 min	96
3	Bulk Density	kg/m3	900-1200	1122
4	Moisture (Loss On Drying)	%	0.20 max	0.06
5	Water Insoluble Matter	%	0.050 max	0.01
6	Total Alkalinity as NaHCO ₃	%	99.80 min	99.88
7	Na Content	%	27.30 min	27.34
8	Chlorides (as Cl)	%	0.0200 max	0.0149
9	Sulfate (as SO ₄)	%	0.015 max	0.004
10	Iron (as Fe)	%	0.0015 max	0.0006
11	Arsenic (as As)	ppm	1.00 max	<0.30
12	Copper (as Cu)	ppm	1.00 max	0.10
13	Heavy metals (as Pb)	ppm	1.00 max	<0.20
14	Mercury	ppm	1.00 max	<0.1
15	pH (1% Aqueous solution)	-	7.90-8.60	8.34
16	Ammonia	-	ABSENT	ABSENT
17	PSD +0.500 mm	%	0.50-1.50	0.87
18	PSD-0.500 mm +0.250 mm	%	5.00-15.00	13.50
19	PSD-0.250 mm +0.150 mm	%	15.00-25.00	24.12
20	PSD-0.150 mm +0.106 mm	%	15.00-30.00	21.26
21	PSD-0.106 mm +0.075 mm	%	15.00-30.00	18.97