

Organic B12 CofA - INSKB12E/0425-255

General Description	
Product Name	Healthmix B12 – FR-BIO-01
Batch N	INSKB12E/0425-255
Manufacturing Date	Apr 2025
Expiry Date	Sep 2027
Country of Origin	India
Plant Source	Lentinula edodes
Organic status	Organic
GMO Status	GMO Free
BSE/TSE Status	BSE/TSE Free
Gluten	Absent

Organoleptic Properties		
Test	Specification	Results
Color and Appearance	Greyish brown color fine Powder	Conforms
Aroma	Characteristic	Conforms
Taste	Characteristic sour taste	Conforms
Moisture	≤ 5%	Complies
Mesh Size	More than 98% pass through 80 mesh	Complies
Solubility	Mostly soluble in water	Complies

Assay of Vitamins		
Vitamin	Specification	Results
Natural Vitamin B12 as mixed cobalamins	NLT 0.1%	0.126 % (1.26 mg/g)

****Being vitamins and minerals standardized from natural sources, the specification of actives are 'Not Less than (NLT)' and the analytical results may be variable above NLT even to an extent of 100% or more.**

****Analytical variance of ≥ 10% of the actives lower than NLT claim shall be considered as a trigger for rejection handling**

Heavy Metals and Microbiology		
Heavy metals	Specification	Results
Heavy metals	Less than 10 ppm	Complies
Lead	Less than 2 ppm	0.09
Cadmium	Less than 1 ppm	< 0.02
Arsenic	Less than 1 ppm	< 0.05
Mercury	Less than 0.1 ppm	< 0.01
Microbiology		
Total plate count	< 1000 cfu/g	< 10 cfu/g
Yeast & Mold	< 100 cfu/g	< 10 cfu/g
Coliforms	< 10 cfu/g	Absent /g
E. coli	Negative/ 10 g	Absent /10g
Enterobacteriaceae	< 1 MPN/g	Absent /g
Salmonella	Negative/10 g	Absent /25g
Staphylococcus aureus	Negative/10 g	Absent /10g
Pseudomonas aeruginosa	Negative/10 g	Absent /10g