



Specs #: DSXG61	Version #: 010	Issue date: 2020.03.01
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Ziboxan® TP80 Specification

Ziboxan® TP80 -Xanthan Gum Toothpaste grade

DESCRIPTION: Ziboxan®TP80 is regular powder xanthan gum produced by fermentation of corn starch and beans protein with *Xanthomonas campestris*, its solutions are neutral. Suitable for use in personal care as stabilizer,thickener.

SPECIFICATION: Conform the standards of E415 and FCC.

Properties	Specifications
Appearance	cream colored powder
Viscosity (1% solution in 1% KCL)	1300-1800cp
pH (1% solution)	6.0-8.0
Loss on Drying	max. 15%
Ash	max. 16%
Particle size	100% through 60mesh(250micro) min. 95% through 80mesh (180micro)
V1/V2	1.02-1.45
Nitrogen	max. 1.5%
Ethanol or Isopropanol	max. 500ppm
Pyruvic acid	min. 1.5%
Heavy metal	max. 20ppm
Lead*	max. 2ppm
Arsenic	max. 3ppm
Microbiological	
Total plate count	not more than 1000cfu/g
Yeast/mould	not more than 100cfu/g
E. coli*	absent/25g
Salmonella*	absent/25g
Pseudomonas aeruginosa*	absent/0.5g
Staphylococcus aureus*	absent/0.5g
Xanthomonas Campestris*	no viable cells in 1g
Cellulase	Negative

***: Type test parameters are tested twice a year by the third party lab.**

PACKAGE: Carton box or paper bag, cardboard drum, net weight 25kg or required by customer.

STORE: Sealed and stored in cool, dry conditions.

SHILF LIFE: 24 months in above conditions.

QUALITY AND FOOD SAFETY ASSURANCE:

Ziboxan® TP80 production is controlled under certified quality system and food safety system by ISO9001, ISO22000, BRC.

CERTIFICATION:

ISO9001, ISO22000 Certified; BRC Certified, IP certified, Kosher Approved; Halal Certified; MUI Halal certified,



Deosen Biochemical(Ordos) Ltd.

REGULATORY COMPLIANCE: FCC, E415