

PRODUCT SPECIFICATION

(Product code: MDE15)

Name of product: Maltodextrin DE 12~20

Item	Unit	Specification	Test method
Form		Powder	PL401015
Colour		White colour or light brown	PL401015
Odour, taste		No strange taste odour	PL401015
Solubility		Dissolved in hot water	PL401015
Moisture	%(w/w)	Max 6	FCC
DE (Dextrose Equivalent)		12~20	TCVN 10376:2014
Carbohydrate	%(w/w)	Min 90	AOAC (986.25)
SO ₂	%(w/w)	Max 0.0025	PL204005
Identification Maltodextrin (Using hot cupric tartrate test solution alkaline)		A red precipitate of cuprous oxide forms	FCC
Total ash	%(w/w)	Max 0.5	FCC
Sulfated ash	%(w/w)	Max 0.5	FCC
Protein	%(w/w)	Max 0.5	FCC
Total aerobic plate count	cfu/g	≤ 10 ⁴	FDA bacteriological manual -2001 (Chapter 3)
Total yeast and mold	cfu/g	≤ 50	FDA bacteriological manual -2001 (Chapter 18)
Coliforms	cfu/g	≤ 10	AOAC (991.14)
Escherichia coli	cfu/g	≤ 10	By the external laboratory accredited
Staphylococcus aureus	cfu/g	≤ 10 ²	By the external laboratory accredited
Salmonella/25g		Negative	By the external laboratory accredited
Clostridium perfringens	cfu/g	≤ 10 ²	By the external laboratory accredited
Cadmium (Cd)	mg/kg	Max 0.4	By the external laboratory accredited
Arsenic (As)	mg/kg	Max 1.0	By the external laboratory accredited
Lead (Pb)	mg/kg	Max 0.5	By the external laboratory accredited