

Certificate of Analysis



Healtang Biotech Co., Ltd
Diaozhen Industrial development zone, Jinan
Shandong, China

250204

Product Name : L-arabinose

CAS Number : 5328-37-0

Manufacture Date : 2012/05/28

Batch Number : EX120528047

Expiration Date : 2014/05/27

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01. Appearance: White Crystalline Powder
 02. Taste and odor: have sweet of its aqueous solution, no odor
 03. Impurity: No visible impurities

Take 1500g products, placing a clean white porcelain dish and with the indoor natural light or the equivalent of natural light, identify their organization via the sense of touch, identify its color , impurities, and to smell the odor and taste

TEST ORGANISMS	Standard	Result
Escherichia coli	≤3 (GB 4789.3)	good

Staphylococcus aureus	O (GB 4789.10)	good
Total plate count	≤1000 (GB 4789.2)	good
Molds and yeasts	≤25 (GB 4789.15)	good

05. Physical indicators

TEST ORGANISMS	Standard	Result
Purity	≥99.5%	99.55%
Loss on drying	≤0.3% (GB 5009.3)	0.11%
Ignition Residue	≤0.1 % (GB 5009.4)	0.0067%
Melting Point	154-160 °C	156.8-157.2
Specific Rotation {a}20D(C=5,H2O,24h)	+100°-+106°	104.5°
Heavy Metal	≤5	Qualify
Arsenic	≤0.5	Qualify
Chlorinity	≤10	Qualify
Sulphate	≤10	Qualify

Animal Source : No, Raw material is Corn Cob, Nature!

The Batch Number on this certificate is synonymous with the Lot Number Shown on the product label.

Healtang Biotech Co.,Ltd products are extracted from Corn Cob, Healtang Company production process obeyed HACCP, ISO 9001, ISO22000,Our products have approved by KOSHER ,HALAL certificates . Healtang Laboratory have approved by CNAS.

L-arabinose Application:

1. Inhibit the activity of Sucrase ,so it is good for diabetes. It was the “Health Sugar”of Diabetes
2. Because of the Inhibition to Sucrase , so it is good for Fat & high blood pressure & hyperlipemia people.
3. Enhance the activity of Bifidus factors, so that it can enhance the growing of Probitics. And also L-arabinose can clean the intestine
4. prevent decayed tooth
5. Good for skeletal muscle, and enhance the growing of the Skeletal muscle
6. Can be used as the raw materials of Maillard reaction , so that it can be used for food to improve the relish
7. Can be used as the raw material of API products.

Creation Date: 2013/4/3