



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd. (factory)

### Certificate of Analysis

<b>Product Name</b>	Lactitol Powder	<b>Manufacture Date</b>	Aug.10,2022
<b>Batch No.</b>	LA220814	<b>Certificate Date</b>	Aug.14,2022
<b>CAS No.</b>	585-86-4	<b>Molecular formula</b>	C <sub>12</sub> H <sub>24</sub> O <sub>11</sub>
<b>Batch Quantity</b>	5000kgs	<b>Expiration Date</b>	Aug.09,2024
<b>Storage Condition</b>	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result
Lactitol(dry basis)	95.0~102.0	99.55%
Other polyols(dry basis)	≤2.5%	1.10%
Specific Rotation	+13.5° — +15.5°	+14.2°
Color	White Crystalline Powder	Conform
Melting point	146°C	Conform
PH(10%)	4.5-8.5	Conform
Water	Ethanol & Water	Conform
Drying Method	10.5%(crystalline product) 31%(solution)	Conform
Cl(dry basis)	≤100mg/kg	Conform
Sulfate(dry basis)	≤200mg/kg	Conform
Reducing sugar	≤0.1%	Conform
Nickel	≤2mg/kg	Conform
Pb	≤1mg/kg	Conform
Lead	≤0.5ppm	Conform
Coliform	Negative	Conform
Sulphated Ash	≤ 0.1%	0.03
Loss on drying	<5.0%	Conform

**Conclusion: Complies with specification**

**Tested by:** Liu gang

**Approved by:** Susan Sun, Ph.D

**Date:** 2022.08.14

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