

## Label Information

The Spectrum label presents technical and safety information in an easily understood format. Our technical specialists stay abreast of the latest requirements of the Globally Harmonized System for Classification and Labelling of Chemicals (GHS), as well as the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance, accuracy and concise hazard communication. Below you will find a typical label example for this catalog item.

**WARNING**

- May form combustible dust concentrations in air.
- Keep away from all ignition sources including heat, sparks and flame
- Keep container closed and grounded
- Prevent dust accumulations to minimize explosion hazard.

This material has been evaluated per GHS criteria and is not classified as hazardous under GHS. All chemicals may pose unknown hazards and must be used with caution. Use personal protection and safe handling methods consistent with proper workplace safety practices. Consult SDS for additional properties and precautions. If adverse reaction occurs seek medical attention.

**KEEP FROM CHILDREN**



LA105

SIZ SY

### Lactose

(4-*O*-β-Galactopyranosyl-D-glucose)

Monohydrate  
Spray-Dried Powder

NF

CAS 64044-51-5



**CAUTION:** For manufacturing, processing or repacking.  
**Read and understand the label and Safety Data Sheet (SDS) prior to use.**

**Chemical Emergency: (800)424-9300**  
www.SpectrumChemical.com

C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>•H<sub>2</sub>O F.W. 360.31

Clarity and Color of Solution ..... To pass test  
Specific Rotation, [α]<sub>D</sub><sup>20</sup> ..... +54.4° to +55.9°  
Acidity or Alkalinity ..... To pass test  
Water Determination ..... 4.5-5.5%

**MAXIMUM LIMITS**

Microbial Limits:  
Total Aerobic Microbial Count ..... 10<sup>2</sup> cfu/g  
Total Molds and Yeasts ..... 5x10<sup>1</sup> cfu/g  
Test for *Escherichia coli* ..... Negative

Loss on Drying ..... 1.0%  
Residue on Ignition ..... 0.1%  
Protein and Light-Absorbing Impurities .....  
..... To pass test  
Elemental Impurities ..... As reported  
Residual Solvents ..... To pass test

G 15/J10GHS ? Lot No. XQ####

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