

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	01449
<b>Lot Number</b>	001779-110829
<b>Product</b>	<b>D(+)-Galactose</b>

<b>CAS Number</b>	59-23-4
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight</b>	180.16

---

<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	< 5 ppm (Total)
<b>Arsenic (As<sub>2</sub>O<sub>2</sub>)</b>	< 0.5 ppm
<b>Cation</b>	Iron (Fe): < 5 ppm
<b>Yeast and Mold</b>	< 100 cfu/g
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +79.3°
<b>Loss on Drying</b>	0.3% (5g @ 60 °C)
<b>E. Coli</b>	Negative
<b>Salmonella</b>	Negative
<b>Staphylococcus Aureus</b>	Negative
<b>Residue On Ignition</b>	< 0.1%
<b>Purity by HPLC</b>	98.3%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Total plate count: < 1000 cfu/g Glucose: < 0.5% Fungi: < 100 cfu/g

# *Certificate of Analysis*

**Catalog Number: 01449**

**Lot Number: 001779-110829**

---

**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**