

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	29490
<b>Lot Number</b>	002781-20191231
<b>Product</b>	<b>Voglibose</b> 5-(1,3-Dihydroxypropan-2-ylamino)-1-(hydroxymethyl)
<b>CAS Number</b>	83480-29-9
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>21</sub> NO <sub>7</sub>
<b>Molecular Weight</b>	267.28
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<b>Appearance</b>	White crystals or crystalline powder
<b>Solubility</b>	Very soluble in water, freely soluble in acetic acid, Slightly soluble in methanol, and very slightly soluble in ethanol.
<b>Melting Point</b>	165 - 166 °C
<b>Heavy Metals</b>	< 10 ppm
<b>Water Content (Karl Fisher)</b>	0.04%
<b>pH</b>	10.1
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 47 °
<b>Residual Solvents</b>	Methanol : < 3000 ppm Toluene : < 890 ppm (Content by GC HS) Tetrahydrofuran : < 720 ppm (Content by GC HS)
<b>Related Substances</b>	Total impurities : 0.01%
<b>Residue On Ignition</b>	< 0.1%
<b>Purity by HPLC</b>	99.80%
<b>Grade</b>	meets JP specifications
<b>Storage</b>	Store at 0 - 8 °C

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**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**