

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	41647
<b>Lot Number</b>	000752-2022-12-006
<b>Product</b>	<b>Isosorbide dimethyl ether</b> 1,4:3,6-Dianhydro-2,5-di-O-methyl-D-glucitol
<b>CAS Number</b>	5306-85-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>14</sub> O <sub>4</sub>
<b>Molecular Weight</b>	174.2

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<b>Appearance</b>	Clear colorless liquid
<b>Specific Gravity</b>	1.16
<b>Refractive Index</b>	n <sup>20</sup> <sub>D</sub> 1.467
<b>Heavy Metals</b>	< 10 ppm
<b>Water Content (Karl Fisher)</b>	0.01%
<b>Acid value</b>	0.58 mgKOH/g
<b>Purity by GC</b>	99.62%
<b>Storage</b>	Store at RT
<b>Remarks</b>	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