

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	32196
<b>Lot Number</b>	002241-20190201
<b>Product</b>	<b>Topiramate</b> 2,3:4,5-Bis- <i>O</i> -(1-methylethylidene)-36-D-fructo-pyranose sulfamate
<b>CAS Number</b>	97240-79-4
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>21</sub> NO <sub>8</sub> S
<b>Molecular Weight</b>	339.36

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<b>Appearance</b>	White powder
<b>Solubility</b>	Freely soluble in dichloromethane
<b>Heavy Metals</b>	< 10 ppm
<b>Anion</b>	Sulfate : Not detected
<b>Water Content (Karl Fisher)</b>	0.09%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -32.9 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	1,2-dichloroethane : Not detected Pyridine : 14 ppm Ethanol : 482 ppm MIBK : 10 ppm Acetone : 8 ppm
<b>Related Substances</b>	Fructose : Not detected Compound A : 0.13% Individual unknown : 0.08% Total impurities : 0.26%
<b>Residue On Ignition</b>	0.06%
<b>Assay (anhydrous basis)</b>	99.8%
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Sulfamate : Not detected

# *Certificate of Analysis*

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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**