

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	38252
<b>Lot Number</b>	003483-0020123
<b>Product</b>	<b>Sumatriptan succinate</b> 3-[2-(Dimethylamino)ethyl]-1 <i>H</i> -indol-5-yl- <i>N</i> -
<b>CAS Number</b>	103628-48-4
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S•C <sub>4</sub> H <sub>6</sub> O <sub>4</sub>
<b>Molecular Weight</b>	413.49
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<b>Appearance</b>	White powder, Light sensitive!
<b>Solubility</b>	Freely soluble in water, sparingly soluble in methanol, practically insoluble in dichloromethane.
<b>Water Content (Karl Fisher)</b>	0.14%
<b>pH</b>	4.6
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Absorbance : 0.0395
<b>Residual Solvents</b>	Methanol : 677 ppm, Isopropyl alcohol : Not detected, Ethyl acetate : Not detected, Acetone : Not detected, Methylene dichloride : Not detected, Benzene : Not detected
<b>Related Substances</b>	Impurity A : 0.12%, Impurity H : 0.02%, Impurity B, C : Not detected Impurity D : 0.01%, Impurity E : 0.02% Unspecified impurities : Not detected, Total impurity : 0.03%
<b>Sulfated Ash</b>	0.03%
<b>Purity by HPLC</b>	99.7% (on anhydrous substance)
<b>Storage</b>	Store at 2 - 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**