

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	36943
<b>Product</b>	<b>Rosmarinic acid</b>
<b>Lot Number</b>	003097-2019121301 (R)-O-(3,4-Dihydroxycinnamoyl)-3-(3,4-dihydroxyphenyl)lactic acid
<b>CAS Number</b>	20283-92-5
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>16</sub> O <sub>8</sub>
<b>Molecular Weight</b>	360.31

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<b>Appearance</b>	White powder
<b>Heavy Metals</b>	< 10 ppm
<b>Cation</b>	Arsenic : < 1 ppm Lead : < 3 ppm Mercury : < 0.1 ppm Cadmium : < 0.1 ppm
<b>Yeast and Mold</b>	< 100 cfu/g
<b>Loss on Drying</b>	0.98%
<b>Residual Solvents</b>	< 0.01%
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	< 1000 cfu/g (TPC)
<b>Salmonella</b>	Negative
<b>Mesh Size</b>	95% thr' 80 mesh
<b>Ash</b>	0.43%
<b>Purity by HPLC</b>	98.49%
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Pesticides : Negative

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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**