

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	37904
<b>Lot Number</b>	002781-20210621
<b>Product</b>	<b>Glycyrrhetic acid</b>
<b>CAS Number</b>	471-53-4
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>46</sub> O <sub>4</sub>
<b>Molecular Weight</b>	470.69

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<b>Appearance</b>	White powder
<b>Solubility</b>	Soluble in methanol
<b>Heavy Metals</b>	< 10 ppm
<b>Cation</b>	Lead : < 2 ppm Arsenic : < 1 ppm Mercury : < 0.1 ppm Cadmium : < 1 ppm
<b>Optical Rotation</b>	[a] <sup>20</sup> <sub>D</sub> = 154 °
<b>Loss on Drying</b>	< 5%
<b>Residual Solvents</b>	< 5000 ppm
<b>Ash</b>	< 0.5%
<b>Purity by HPLC</b>	99.37%
<b>Storage</b>	Store at 2 - 8 °C
<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