

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	21530
<b>Lot Number</b>	003054-18-001
<b>Product</b>	<b>Muristerone A</b>
	2 $\beta$ ,3 $\beta$ ,5 $\alpha$ ,11 $\alpha$ ,14,20,22-heptahydroxy-5 $\beta$ -7-cholesten-6-one
<b>CAS Number</b>	38778-30-2
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>44</sub> O <sub>8</sub>
<b>Molecular Weight</b>	496.64

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<b>Appearance</b>	White powder
<b>Solubility</b>	Soluble in methanol, Insoluble in water
<b>UV Ratios</b>	$\lambda_{\text{max}}$ = 230 - 350 nm
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.2%
<b>Purity by TLC</b>	One spot
<b>Storage</b>	Store at 0 - 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