

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	37916
<b>Lot Number</b>	003515-20230625
<b>Product</b>	<b>Guanfacine hydrochloride</b> N-(Aminoiminomethyl)-2,6-dichlorobenzeneacetamide hydrochloride
<b>CAS Number</b>	29110-48-3
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>9</sub> Cl <sub>2</sub> N <sub>3</sub> O•HCl
<b>Molecular Weight</b>	282.55

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<b>Appearance</b>	White to off-white crystalline powder
<b>Clarity &amp; Color</b>	Clarity of solution : Clarified
<b>Melting Point</b>	214.8 °C
<b>Heavy Metals</b>	< 20 ppm
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.14%
<b>Related Substances</b>	Single impurity : < 0.1% Total impurity : < 1%
<b>Residue On Ignition</b>	0.07%
<b>Assay</b>	99.3% (on dried basis)
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Chloride : Positive Reaction for the Identification of testing sample water solution at chlorides.
<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