

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	24193
<b>Lot Number</b>	001383-35DAR006K
<b>Product</b>	<b>4-Thiomorpholin-4-ylaniline</b>
	4-(Thiomorpholin-4-yl)phenylamine
<b>CAS Number</b>	22589-35-1
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> S
<b>Molecular Weight</b>	194.3

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<b>Appearance</b>	Brown solid
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	99.9%
<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**