

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	42096
<b>Lot Number</b>	002197-211002
<b>Product</b>	<b>Coenzyme B<sub>12</sub></b> 5'-Deoxyadenosylcobalamine
<b>CAS Number</b>	13870-90-1
<b>Molecular Formula</b>	C <sub>72</sub> H <sub>100</sub> CoN <sub>18</sub> O <sub>17</sub> P
<b>Molecular Weight</b>	1579.58

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<b>Appearance</b>	Dark red crystalline powder
<b>Mould and Yeast</b>	< 10 cfu/g
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	6.3%
<b>Residual Solvents</b>	Acetone : 0.30%
<b>Microbial Count</b>	55 cfu/g (TAC)
<b>Related Substances</b>	Total impurities : 0.7%
<b>Assay</b>	100.4%
<b>Storage</b>	Store at ≤ -10 °C
<b>Additional Information</b>	Identification : UV, HPLC : Passes test Hydroxocobalamine : UV: A 480 / 352 nm : 0.946
<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**