Chem-Impex International, Inc.

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935 Dillon Drive

Wood Dale, IL 60191

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Certificate of Analysis

Catalogue Number 10168

Lot Number 000782-07901

Product Xylazine (free base)

2-(2,6-Dimethylphenylamino)-5,6-dihydro-4*H*-thiazine

(5,6-Dihydro-4*H*-[1,3]thiazin-2-yl)-(2,6-dimethylphenyl)amine

 $\begin{array}{lll} \textbf{CAS Number} & 7361\text{-}61\text{-}7 \\ \textbf{Molecular Formula} & C_{12}H_{16}N_2S \\ \textbf{Molecular Weight} & 220.34 \\ \end{array}$

Appearance Off-white crystalline powder

Melting Point 136 - 142 °C Heavy Metals < 0.002%

Loss on Drying 0.25% (60 °C for 4 hours in vaccuum)

Residue On Ignition < 0.1% **Purity by HPLC** 99.8%

Storage Store at RT

Additional Information 3-Amino-1-Propanol: < 0.5%

$$\label{eq:action} \begin{split} &\text{Acetone}: 0.019\%\\ &\text{2-Propanol}: < 0.1\%\\ &\text{Any Impurity}: < 0.1\%\\ &\text{Sum of all impurities}: < 0.1\% \end{split}$$

Remarks 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