

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	33072
<b>Lot Number</b>	002904-20180715
<b>Product</b>	<b>Xylazine hydrochloride</b>  2-(2,6-Dimethylphenylamino)-5,6-dihydro-4H-thiazine hydrochloride
<b>CAS Number</b>	23076-35-9
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> S•HCl
<b>Molecular Weight</b>	256.8
<hr/>	
<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Conforms to CP standard
<b>Melting Point</b>	164.7 - 165.7 °C
<b>Heavy Metals</b>	< 20 ppm
<b>pH</b>	4.9
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.33%
<b>Residual Solvents</b>	Toluene: < 890 ppm Ethanol: < 5000 ppm N-Butyl alcohol: < 5000 ppm
<b>Related Substances</b>	Total impurities: < 2.0%
<b>Residue On Ignition</b>	0.04%
<b>Assay</b>	99.47%
<b>Grade</b>	USP
<b>Storage</b>	Store at -20 °C

# *Certificate of Analysis*

Catalog Number: 33072

Lot Number: 002904-20180715

---

**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**