

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 42206  |
| <b>Lot Number</b>        | 000933-34  |
| <b>Product</b>           | <b>N-(4-Aminobutyl)-2-naphthalenesulfonamide</b><br>W-12 Hydrochloride |
| <b>CAS Number</b>        | 89108-46-3   |
| <b>Molecular Formula</b> | C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub> S·HCl    |
| <b>Molecular Weight</b>  | 314.83   |

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|                       |  |
|-----------------------|--|
| <b>Appearance</b>     | White crystal  |
| <b>Melting Point</b>  | 184 °C   |
| <b>Purity by HPLC</b> | 99.9%  |
| <b>Purity</b>         | 100.5% (Total nitrogen )   |
| <b>Storage</b>        | Store at 2 - 8 °C  |
| <b>Remarks</b>        | See material safety data sheet for additional information<br>For laboratory use only |

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**