

## Label Information

The Spectrum label presents technical and safety information in an easily understood format. Our technical specialists stay abreast of the latest requirements of the Globally Harmonized System for Classification and Labelling of Chemicals (GHS), as well as the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance, accuracy and concise hazard communication. Below you will find a typical label example for this catalog item.

|  |  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
|--|--|---|--|----------------------------------|---|-------------------------------|---|-------------------------------|-------------|--------------------------|---------|---------------------------|----------|---------------------------|------|----------------------------|-------------|--------------------------------------|--------------|--------------------------------------|-------|--------------------------------------|-------|-----------------------------|-------|----------------------------------|-------|--------------------------------|-------|------------------------|-------|-------------------------|--------------|
| <p>Exp. Date: 00-00-0000</p>  | <p><b>WARNING</b></p> <ul style="list-style-type: none"> <li>• Harmful if swallowed</li> <li>• Causes serious eye irritation.</li> </ul> <p>• Do not eat, drink or smoke when using this product • Wear eye protection, face protection</p> <p>• Wash face, hands and any exposed skin thoroughly after handling.</p> <p><b>FIRST AID:</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.</p> <p><b>KEEP FROM CHILDREN</b></p> <p><b>WARNING:</b><br/>Cancer and Reproductive Harm-<br/><a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a></p> |  <p><b>I1178</b></p> <p><b>Ipratropium Bromide</b></p> <p>USP</p> <p>CAS 66985-17-9</p> <p><b>CAUTION:</b> For manufacturing, processing, repacking, or for prescription compounding. Rx only. <b>Read and understand the label and Safety Data Sheet (SDS) prior to use.</b></p> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <p><b>Chemical Emergency: (800)424-9300</b></p> </div> <p><a href="http://www.SpectrumChemical.com">www.SpectrumChemical.com</a></p> | <p><b>SIZ SY</b></p> <p><math>C_{20}H_{30}BrNO_3 \cdot H_2O</math> F.W. 430.40</p> <table border="0"> <tr> <td>Manufacturer/Supplier Code .....</td> <td>?</td> </tr> <tr> <td>Manufacturer Lot Number .....</td> <td>?</td> </tr> <tr> <td>Assay (Anhydrous Basis) .....</td> <td>98.0-102.0%</td> </tr> <tr> <td>pH of 10% Solution .....</td> <td>5.0-7.0</td> </tr> <tr> <td>Water Determination .....</td> <td>3.9-4.4%</td> </tr> </table> <p style="text-align: center;"><b>MAXIMUM LIMITS</b></p> <table border="0"> <tr> <td>Residue on Ignition .....</td> <td>0.1%</td> </tr> <tr> <td>Elemental Impurities .....</td> <td>As reported</td> </tr> <tr> <td>Ipratropium Related Compound A .....</td> <td>To pass test</td> </tr> </table> <p><b>Organic Impurities:</b></p> <table border="0"> <tr> <td>Ipratropium Related Compound C .....</td> <td>0.10%</td> </tr> <tr> <td>Ipratropium Related Compound B .....</td> <td>0.10%</td> </tr> <tr> <td>Desmethyl Ipratropium .....</td> <td>0.10%</td> </tr> <tr> <td>Ipratropium Atropic Analog .....</td> <td>0.10%</td> </tr> <tr> <td>Any Unspecified Impurity .....</td> <td>0.10%</td> </tr> <tr> <td>Total Impurities .....</td> <td>0.25%</td> </tr> <tr> <td>Residual Solvents .....</td> <td>To pass test</td> </tr> </table> <p>Repackaged by Spectrum as:<br/>G 5/K5GHS-A ? Lot No. XQ####</p> | Manufacturer/Supplier Code ..... | ? | Manufacturer Lot Number ..... | ? | Assay (Anhydrous Basis) ..... | 98.0-102.0% | pH of 10% Solution ..... | 5.0-7.0 | Water Determination ..... | 3.9-4.4% | Residue on Ignition ..... | 0.1% | Elemental Impurities ..... | As reported | Ipratropium Related Compound A ..... | To pass test | Ipratropium Related Compound C ..... | 0.10% | Ipratropium Related Compound B ..... | 0.10% | Desmethyl Ipratropium ..... | 0.10% | Ipratropium Atropic Analog ..... | 0.10% | Any Unspecified Impurity ..... | 0.10% | Total Impurities ..... | 0.25% | Residual Solvents ..... | To pass test |
| Manufacturer/Supplier Code .....   | ?  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Manufacturer Lot Number .....  | ?  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Assay (Anhydrous Basis) .....  | 98.0-102.0%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| pH of 10% Solution .....   | 5.0-7.0  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Water Determination .....  | 3.9-4.4%   |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Residue on Ignition .....  | 0.1%   |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Elemental Impurities .....   | As reported  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Ipratropium Related Compound A .....   | To pass test   |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Ipratropium Related Compound C .....   | 0.10%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Ipratropium Related Compound B .....   | 0.10%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Desmethyl Ipratropium .....  | 0.10%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Ipratropium Atropic Analog .....   | 0.10%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Any Unspecified Impurity .....   | 0.10%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Total Impurities .....   | 0.25%  |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |
| Residual Solvents .....  | To pass test   |   |  |                                  |   |                               |   |                               |             |                          |         |                           |          |                           |      |                            |             |                                      |              |                                      |       |                                      |       |                             |       |                                  |       |                                |       |                        |       |                         |              |

### Spectrum Chemical Mfg Corp

**Corporate Headquarters:**

769 Jersey Ave.  
New Brunswick, NJ 08901

732.214.1300

**West Coast Facility:**

14422 S. San Pedro St.  
Gardena, CA 90248

310.516.8000