

|                   |   |
|-------------------|---|
| Item Number       | A1648   |
| Item              | Atenolol, USP   |
| CAS Number        | 29122-68-7  |
| Molecular Formula | C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub> |
| Molecular Weight  | 266.34  |
| MDL Number        |   |
| Synonyms          | 2-{p-[2-Hydroxy-3-(isopropylamino)propoxy]phenyl}acetamide    |

| Test                      | Specification              |         |
|---------------------------|----------------------------|---------|
|                           | Min                        | Max     |
| ASSAY (DRIED BASIS)       | 98.0                       | 102.0%  |
| MELTING RANGE             | 152°                       | 156.5°C |
| LOSS ON DRYING            |                            | 0.5%    |
| RESIDUE ON IGNITION       |                            | 0.2%    |
| CHLORIDE (Cl)             |                            | 0.1%    |
| ORGANIC IMPURITIES        |                            |         |
| INDIVIDUAL IMPURITY       |                            | 0.25 %  |
| TOTAL IMPURITIES          |                            | 0.5 %   |
| ELEMENTAL IMPURITIES      |                            |         |
| IDENTIFICATION A ( FTIR ) | SPECTRUM MATCHES REFERENCE |         |
| IDENTIFICATION B ( UV )   | SPECTRUM MATCHES STANDARD  |         |
| EXPIRATION DATE           |                            |         |
| DATE OF MANUFACTURE       |                            |         |
| APPEARANCE                |                            |         |
| RESIDUAL SOLVENTS         | AS REPORTED                |         |

*Spectrum Chemical Mfg Corp*

|                                |                             |
|--------------------------------|-----------------------------|
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