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|-------------------|---|
| Item Number | P1434 |
| Item | Proline, USP |
| CAS Number | 147-85-3 |
| Molecular Formula | C ₅ H ₉ NO ₂ |
| Molecular Weight | 115.13 |
| MDL Number | |
| Synonyms | L-2-Pyrrolidinecarboxylic Acid |

| Test | Specification | |
|------------------------------------|-----------------|--------------|
| | Min | Max |
| ASSAY (DRIED BASIS) | 98.5 | 101.5 % |
| SPECIFIC ROTATION [α] _D | -84.3 to -86.3° | |
| LOSS ON DRYING | | 0.4 % |
| RELATED COMPOUNDS | | TO PASS TEST |
| RESIDUE ON IGNITION | | 0.4 % |
| CHLORIDE (Cl) | | 0.05 % |
| SULFATE | | 0.03 % |
| IRON (Fe) | | 30 ppm |
| ELEMENTAL IMPURITIES: | | |
| CADMIUM (Cd) | AS REPORTED | |
| LEAD (Pb) | AS REPORTED | |
| ARSENIC (As) | AS REPORTED | |
| MERCURY (Hg) | AS REPORTED | |
| IDENTIFICATION | | TO PASS TEST |
| EXPIRATION DATE | | |
| DATE OF MANUFACTURE | | |
| APPEARANCE | | |
| RESIDUAL SOLVENTS | | TO PASS TEST |

Spectrum Chemical Mfg Corp

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