

Certificate of Analysis

Product Name: Cefsulodin (SCE-129)
Cat #: C-114
CAS #: 52152-93-9
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store desiccated at -20°C. Protect from light.

| Test | Specs | Results |
|--|-----------------------------------|--------------------|
| Color | Off-white to slightly yellow | slightly yellow |
| Form | Crystalline Powder | Crystalline Powder |
| Color of solution (5% in water) | Almost colorless to yellow | slightly yellow |
| Turbidity (0.5% in water) | Max. 2.0 NTU | 0.6 NTU |
| Water content (K. Fischer) | Max 4.0% | 3.7% |
| Purity (HPLC) | Min. 97.0 area-% | 97.5 area-% |
| Specific Optical Rotation [alpha]D (c = 1 in water, 20 C) | 15.5-18.5 | 17.1 |
| pH Value (2% in water) | 3.5-4.1 | 3.6 |
| FT-IR Spectrum | Corresponds to reference spectrum | Corresponds |

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

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