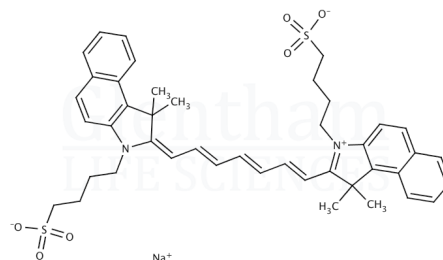


Certificate of Analysis

| | |
|---------------|-----------------------------|
| Product Name | Cardiogreen, 95%, USP grade |
| Glentham Code | GT1101 |
| CAS Number | 3599-32-4 |
| EINECS | 222-751-5 |
| MDL Number | MFCD00013078 |
| Batch Number | 342EXN |

| | |
|-------------------|---------------------------|
| Molecular Weight | 774.96 |
| Molecular Formula | $C_{43}H_{47}N_2NaO_6S_2$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 342EXN |
|--------------------------------|--|----------------------------|
| Physical Description | Dark green to brown crystalline powder | Brown crystalline powder |
| Identification | According to USP | Conforms |
| Solubility (0.1% in water) | Clear, green to dark green solution | Clear, dark green solution |
| Arsenic (As) | ≤ 8ppm | ≤ 8ppm |
| Lead (Pb) | ≤ 10ppm | ≤ 10ppm |
| Sodium Iodide (Nal) | ≤ 5.0% | 4.0% |
| Loss on Drying | ≤ 6.0% | 2.9% |
| Assay | 90.0 - 105.0 % (dried basis) | 96.2% |
| Pharmacopoeia Specification(s) | USP | Conforms |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2022-08-01 |
| Re-Test Date | 2033-01-31 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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