

Certificate of Analysis

Date of Testing: 2024-09-18 12:00:01
Date of Next Testing: 2026-09-08 12:00:01
Product Name: **Erythrosin B**
CAS Number: 16423-68-0
Specifications & Purity: 85%
Lot #: I2412111
SKU #: **E108729**
Version: **0**
Analysis #: **412516**
Storage Temperature: Protected from light, Desiccated

| Parameter | Limit Values | Result |
|---|---|---|
| Extinction Coefficient(λ :524 - 528 nm) | ≥ 82500 | 82500.00 |
| Dye Content | 85-100 (%) | 95.42 % |
| Extinction Coefficient(λ :308 - 312 nm) | ≥ 13000 | 13000.00 |
| Extinction Coefficient(λ :259 - 263 nm) | ≥ 32000 | 32000.00 |
| Appearance (E108729) | Red to Very Dark Red Crystals or Powder | Red to Very Dark Red Crystals or Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Red-Orange to Red, Clear (c = pass 1mg/ml) | | Pass |



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