

## Certificate of Analysis

Date of Testing: 2023-05-17 15:12:42

Date of Next Testing: 2027-05-16 15:12:42

Product Name: **Acriflavine(Neutral)**

CAS Number: 8048-52-0

Specifications & Purity: Cl,13.3-15.8%

Lot #: E2310590

SKU # **A103028**

**Analysis: 224351**

| Parameter                                                       | Limit Values                       | Result                             |
|-----------------------------------------------------------------|------------------------------------|------------------------------------|
| Chloride Content                                                | 13.3-15.8 (%)                      | 13.48 %                            |
| Loss on drying                                                  | 0-6.5 (%)                          | 3.50 %                             |
| Ash                                                             | 0-1 (%)                            | 0.29 %                             |
| Water by Karl Fischer                                           | 0-6.5 (%)                          | 4.66 %                             |
| Purity(HPLC) (as Acriflavine)                                   | 70-100 (%)                         | 70.13 %                            |
| Appearance (A103028)                                            | orange to brown powder or crystals | orange to brown powder or crystals |
| Identification                                                  | pass                               | Pass                               |
| Infrared spectrum                                               | Conforms to Structure              | Conforms to Structure              |
| Solubility , clear orange to brown solution at 50mg/ml in water | pass                               | Pass                               |



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