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Product Specification

Product Name:
Luminol sodium salt

Product Number: A4685
CAS Number: 20666-12-0
MDL: MFCD00161491
Formula: C₈H₆N₃NaO₂
Formula Weight: 199.14 g/mol



| TEST | Specification |
|------|---------------|
|------|---------------|

| | |
|------------------------------|--------------------------------|
| Appearance (Color) | White to Faint Green or Yellow |
| Appearance (Form) | Powder or Powder with Chunk(s) |
| Infrared Spectrum | Conforms to Structure |
| Solubility (Turbidity) | Clear to Very Slightly Hazy |
| 50 mg/mL in H ₂ O | |
| Solubility (Color) | Colorless to Faint Red |
| Water (by Karl Fischer) | ≤ 3 % |
| Carbon (anhydrous) | 45.8 - 50.9 % |
| Nitrogen (anhydrous) | 20.0 - 22.2 % |
| Titration with HCl | ≥ 98 % |
| Recommended Retest Period | ----- |
| 5 Years | |

Specification: PRD.1.ZQ5.10000043453

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.