



## Specification

### Luminol

**Catalog Number:** LM1002  
**CAS Number:** 521-31-3  
**Molecular Formula:**  $C_8H_7N_3O_2$   
**Molecular Weight:** 177.16

Test	Specification
Description:	Beige to yellowish powder
Assay (titration):	97.5 Minimum
T.L.C.:	Monospot
2% solution in <i>N</i> NaOH:	Clear yellow solution
Infrared Spectrum:	Conforms to structure and standard
Luminescence Test:	Positive
Sulfated Ash:	2% maximum
Water content:	1% maximum

Approved:

Date: March 10, 2020

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