**DR. J. PHARMACHEM PVT. LTD.**

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

LUMINOL**Technical Datasheet**

Chemical Name	LUMINOL	
Grade Name	LUMINOL	
CAS No.	521-31-3	
HS Code	2928 0090	
Einecs No	208-309-4	
Molecular Formula	C ₈ H ₇ N ₃ O ₂	
Synonyms	3-Aminophthalhydrazide 5-Amino-2,3-dihydro-1,4-phthalazinedione	
TEST	SPECIFICATION	METHOD
Appearance	Yellow crystalline powder	Visual
Purity	Min 98%	Acidometric titration
Moisture	Max 10%	KF
Melting Point	>300°C	Melting Point apparatus

Product Information:

- Luminol is a reagent for the generation of chemiluminescence in biological assays including nitric oxide and myeloperoxidase assay.
- Luminol is converted to a dianion in basic solution, which is then oxidized with H₂O₂/Cu²⁺ to form N₂ and an aminophthalate ion in an electronically excited state.
- Luminol is a chemiluminescence used as a forensic test for blood.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Luminol is not approved for food contact usage by US FDA.

Title:

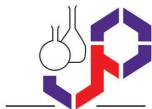
Chapter:

Subchapter:

Part:

Subpart:

Section:



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Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contract rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.