



Product Specification

Product Name: LUMINOL LR

Alternate Name(s)

5-Amino-2,3-dihydro-1,4-phthalazinedione; 3-Aminophthalhydrazide; 3-

Description

Aminophthalic acid hydrazide; 5-Amino-2,3-dihydro-1,4-phthalazinedione; 5-

Pale yellow to tan powder.

Properties

Chemical Formula: $C_8H_7N_3O_2$

Molecular Weight: 177.16

Product Code: LL046

CAS No. 521-31-3

General Information:

Use for the detection of copper, iron, peroxide, cyanides. Oxidation of luminol is accompanied by a striking emission of light.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHL4

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 97.0% min

Specific Properties and Impurities [Typical levels]:

Water content	≤ 1.0%
Sulfated ash	≤ 2.0%
2% solution in 1N NaOH	Clear yellow solution.
Infrared spectrum	Conforms to structure and standard.
Luminescence test	Positive

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