



3-Aminophthalhydrazide
powder



Luminol Specifications

English name: 3-Aminophthalhydrazide

Chinese name: Luminol/3-Aminophthalic hydrazide/Luminol

CAS: 521-31-3

Molecular weight: 177.16

Molecular formula: C₈H₇N₃O₂

Storage conditions: Room temperature, away from light and moisture

Chemical Properties: It is easily soluble in lye, soluble in dilute acid, almost insoluble in water, and insoluble in alcohol. Neutral or slightly acidic solutions exhibit strong bright blue fluorescence when exposed to UV light.

Usage: Chemiluminescence reagent, commonly used in chemiluminescence immunoassay, such as metal cation and blood detection.

Luminescence detection : The optimum fluorescence wavelength is 425nm (detection of chemiluminescence in 60mMK₂S₂O₈, 100mMK₂CO₃, PH11.5 solution).