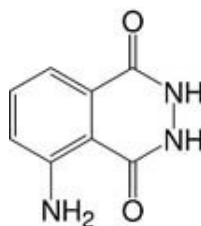


# Luminol research grade

(Aminophthalhydrazine, Amino-2,3-dihydro-1,4-phthalazinedione)

$C_8H_7N_3O_2$  •  $M_r$  177.2 • CAS [521-31-3]

Luminol is used as peroxidase reagent (1), for microdetermination of superoxide dismutase (2), and for chemiluminescence analysis of, for example, metal cations, blood, and glucocorticoids.



Assay (titr.)

min. 95.0 %

## References:

1. Freeman, T.M. & Seitz, W.R. (1978) Anal. Chem. **50**, 1242-6
2. Huu, T.P. et al. (1984) Anal. Biochem. **142**, 467-2
3. Roswell, D.F. & White, E.H. (1978) Methods Enzymol. **57**, 409-23
4. Leong, M.M. L. & Fox, G.R. (1990) Methods Enzymol. **184**, 442-51

## WARNING

Hazard Statements	<u>H302 - H332</u>
Precautions	<u>P261 - P280</u>
Reaction	<u>P301 +P312 - P304 +P340 - P330</u>
Storage	<u>P501</u>

EINECS: 208-309-4 • WGK: 1 • HS: 29280090

Storage Temperature: +15 °C to +30 °C