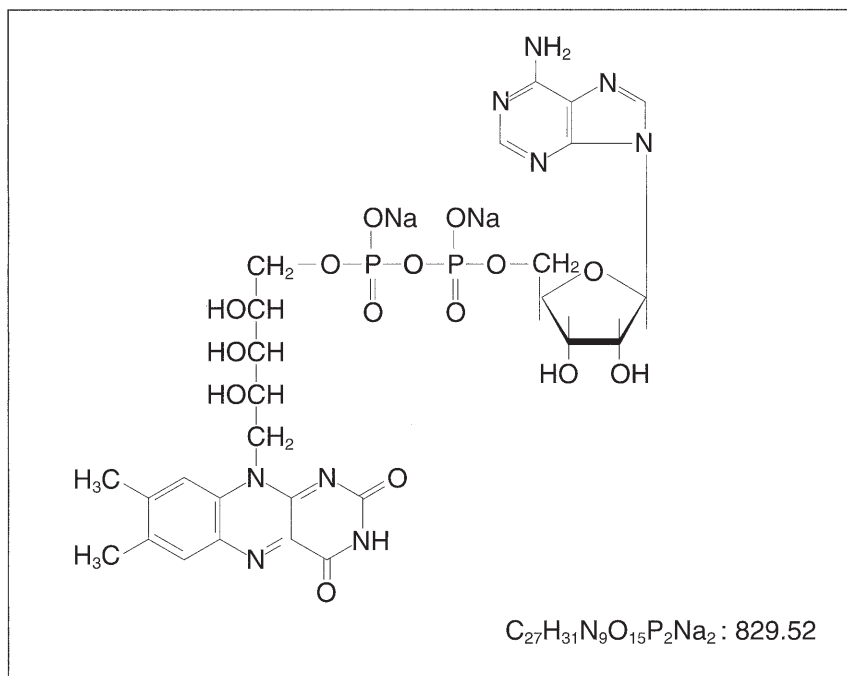


FAD Disodium (Flavin Adenine Dinucleotide Disodium)

CAS NO. 84366-81-4

MOLECULAR STRUCTURE AND FORMULA



DESCRIPTION

Orange yellowish to pale yellowish brown powder
 Odorless or slightly characteristic odor
 Slightly bitter taste

IDENTIFICATION

Compare the infrared absorption spectrum of sample with that of the standard by diffuse reflection method.

SPECIFICATION AND PROCEDURE

State of solution	Orange yellow and clear	Visual test 2%, H ₂ O
pH	5.5 ~ 6.5	Sec.-26, 1%
Heavy metals (Pb)	Not More Than 10 ppm	Sec.-7-(2), 2.0 g 2.0 ml of Standard solution
Arsenic (As ₂ O ₃)	Not More Than 1 ppm	Sec.-8-(3), 2.0 g 2.0 ml of Standard solution
Moisture	Not More Than 10.0%	Sec.-23, Back titration
Endotoxin*	Less Than 100 EU/g	Sec.-34-(2), 0.05 g/100 ml
Related compounds	Not More Than 0.10	Sec.-39-(4)
Assay (anhydrous basis)	Not Less Than 93.0%	Sec.39-(3)

* The endotoxin-certified grade will be supplied on request.

STORAGE

Controlled room temperature in tight container