



Item Number	RI106
Item	Riboflavin 5'-Phosphate Sodium, USP
CAS Number	130-40-5
Molecular Formula	$C_{17}H_{20}N_4NaO_9P \cdot 2H_2O$
Molecular Weight	514.36
Assay (Dried Basis).....	73.0-79.0%
Specific Rotation, $[\alpha]_D^{25}$	+37.0° to +42.0°
pH of a 1% Solution.....	5.0-6.5
MAXIMUM LIMITS	
Loss on Drying.....	7.5%
Residue on Ignition.....	25.0%
Free Phosphate (as PO_4).....	1%
Free Riboflavin and Riboflavin Diphosphates.....	To pass test
Lumiflavin.....	To pass test
Residual solvents.....	To pass test

Spectrum Chemicals & Laboratory Products

Corporate Headquarters: East Coast Facility:

14422 S. San Pedro St. 755 Jersey Ave.

Gardena, CA 90248 New Brunswick, NJ 08901

(800) 813-1514 • (310) 516-8000 • Fax (310) 516-9843