

## Specification Sheet

Product Name: **Riboflavin 5'-monophosphate sodium salt hydrate**  
Specifications & Purity: 73-79%  
SKU #: **F107158**

Parameter	Limit Values
Heavy metal (as Pb)	0-10 (ppm)
Specific Rotation $[\alpha]_{20/D}(c=1.2 \text{ in } 7 \text{ M HCl in H}_2\text{O})$	38-43 (°)
PH(2% in Water)	4-6.3
Loss on drying(105°C, 5hr, 700 Pa)	0-7.5 (%)
Riboflavin diphosphate (as Riboflavin) by HPLC (dry basis)	0-6 (%)
as free Riboflavin by HPLC (dry basis)	0-6 (%)
Purity(dry basis)(Spectrophotometry)	73-79 (%)
Appearance (F107158)	Yellow to Orange Powder
Proton NMR spectrum	Conforms to Structure