

Specification

Technical Data Sheet

Product Name	Riboflavin-5'-phosphate monosodium salt dihydrate
Product No	16929761
CAS Number	130-40-5
Storage Temperature	-15 to -20 °C
Molecular Weight	478.33
	Specification
Appearance	Orange Yellow Crystalline Powder
Heavy metals	≤10 ppm
Loss on Drying	≤7.5%
pH	5.0 - 6.5
Specific rotation	+ 37.0° - +42.0°
Assay	73.0% - 79.0% (on dry basis)
Free Riboflavin	≤6.0%

Specification

Inorganic Phosphate	$\leq 1.0\%$
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Limit of Lumiflavin	$\leq \text{BY6}$
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Residue on Ignition	$\leq 25.0\%$
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Riboflavin Diphosphates	$\leq 6.0\%$
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