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## (-)-Riboflavin, Plant Culture Tested

**PCT0214**

### Product Identifier

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CAS No.	:	83-88-5
EC No.	:	201-507-1
Molecular Formula	:	C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>
Molecular Weight	:	376.36
Synonym	:	Vitamin B <sub>2</sub>
HS Code	:	2936 23 10
Storage	:	Below 30°C
Shelf life	:	3 years

### Technical Specification

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Appearance	:	Yellow to orange-yellow to orange crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of 0.1N sodium hydroxide solution
FTIR	:	Matches with the standard pattern
Specific rotation	:	-135° to -115° (c = 0.5% in 0.05 M NaOH, on dried substance, at 25°C)
Loss on drying (at 105°C, 2 hr)	:	<= 1.50%
Assay (UV, on dry basis)	:	min. 99.00%
Plant Tissue Culture Test	:	Passes

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1