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Product Specifications

Catalogue Number	43678
Product	Orotic acid monohydrate 6-Carboxyuracil monohydrate Uracil-6-carboxylic acid monohydrate
CAS Number	50887-69-9
Molecular Formula	C ₅ H ₄ N ₂ O ₄ •H ₂ O
Molecular Weight	174.12

Synonym 3	Vitamin B13 monohydrate
Appearance	White crystalline powder
Solubility	Almost transparent in 1mol/l NaOH
Melting Point	>300 °C
Water Content (Karl Fisher)	9.5 - 11.5 %
Infrared Spectrum	Conforms to structure
Assay by titration	≥ 98%
Purity by HPLC	≥ 98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only