

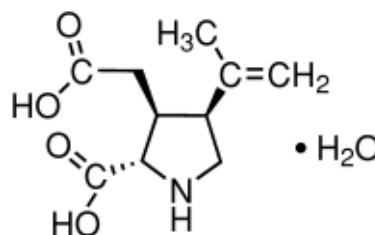
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Product Specification

Product Name:
Kainic acid monohydrate - ≥99% (TLC)

Product Number: **K0250**
CAS Number: 58002-62-3
MDL: MFCD00077806
Formula: C₁₀H₁₅NO₄ · H₂O
Formula Weight: 231.25 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	White to Faint Yellow
Appearance (Form)	Powder
Specific Rotation C = 0.5 in H ₂ O, at 20 deg C	-16.8 - -14.6 °
Water (by Karl Fischer)	≤ 11.2 %
Carbon (anhydrous)	55.2 - 57.4 %
Nitrogen (anhydrous)	6.3 - 6.9 %
Purity (TLC)	≥ 99 %
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity) 10 mg/ml, H ₂ O	Clear to Slightly Hazy

Specification: PRD.0.ZQ5.10000038812

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.