

Specification Sheet

Product Name: **Sinigrin Hydrate**
Specifications & Purity: **98%**
SKU #: **S121209**

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
Nitrogen by Elemental Analysis	2.9-3.8 (%)
Potassium(K)	8.4-10.8 (%)
Water by Karl Fischer	2-7 (%)
Carbon(C)	28.3-31 (%)
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-20--15 (°)
Appearance (S121209)	White to Faint Beige Powder or Crystals
Infrared spectrum	Conforms to Structure
NMR spectrum	Conforms to Structure
Solubility in H ₂ O	Almost transparency