

Specification Sheet

Product Name: **D(+)-Raffinose pentahydrate**
Specifications & Purity: **99%**
SKU #: **R111688**

Parameter	Limit Values
Water by Karl Fischer	14-16 (%)
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	100-110 (°)
Melting point	78-82 (°C)
Purity(HPLC)	99-100 (%)
Appearance (R111688)	white powder
Infrared spectrum	Conforms to Structure
Solubility,50mg/ml water	Clear colorless