

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **(+)-Catechin Hydrate**
Specifications & Purity: **≥95%(HPLC)**
SKU #: **C107690**

Parameter	Limit Values
Purity(HPLC)	95-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in Acetone}(50\%)(\text{calcd.on anh.subs}$	13-18 (°)
Melting point(anhydrous)	175-177 (°C)
Loss on drying	0-8 (%)
Appearance (C107690)	White to Yellow to Grey to Brown Powder
Proton NMR spectrum	Conforms to Structure
Solubility in EtOH , Yellow to amber,clear to light hazy,50mg/ml	pass