



Specifications

Flavianic Acid Hydrate

Catalog Number: FA1009
C.I. Number: N/A
CAS Number: 483-84-1
Synonyms: 8-Hydroxy-5,7-dinitro-2-naphthalene-sulfonic acid
Molecular Formula: $C_{10}H_6N_2O_8S \cdot xH_2O$
Molecular Weight: 314.23 (anhydrous basis)
Storage: 15°C – 30°C

Test	Specification
Appearance	Yellow powder or crystalline powder
Assay: (titration with NaOH)	96.5% - 103.5% (anhydrous basis)
Melting Point:	148 Deg. C - 151 Deg. C
Loss on drying:	< 15.0%
Solubility (0.1% in H ₂ O)	Clear to slightly hazy, yellow to yellow-orange solution

Approved by:

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