

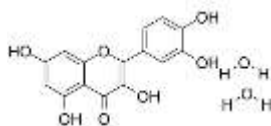


Certificate of Analysis.

Quercetin hydrate reference standard according to USP/Ph. Eur, AnStan®.

Product Code:	BS13729.
Description:	Quercetin hydrate reference standard according to USP/Ph. Eur, AnStan®.
Chemical Name:	3,3',4',5,7-Pentahydroxyflavone dihydrate.
Pack:	5 gm.
CAS No.:	6151-25-3.
Mol. Weight:	338.28 g/mol.
Mol. Formula:	C₁₅H₁₀O₇.2H₂O
MDL Number:	MFCD00149487.
Melting Point:	312°C.
Boiling point:	642.4°C at 760 mmHg.
Density:	1.680 g/cm³.
Solubility:	Soluble in DMSO.
Storage:	Store at 2-8°C for long term storage.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Measured Values
Appearance:	White to Yellow to Green powder to crystal.	Lot specific.
Identification by NMR:	Confirms to the structure.	Lot specific.
Identification by MASS:	Confirms to the structure.	Lot specific.
Identification by IR:	Confirms to the structure.	Lot specific.
Purity by HPLC:	>95%.	Lot specific.




Dr.K. Deepti.
Technical Head.

