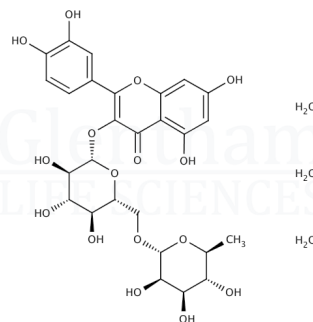


Product Specification

Product Name	Rutin hydrate
Glentham Code	GC4239
CAS Number	207671-50-9
EINECS	205-814-1
MDL Number	MFCD00149490
MDL Number	MFCD00006830
Additional CAS	153-18-4 (anhydrous)
Additional CAS	250249-75-3 ($\cdot 3H_2O$)
PubChem SID	310279821

Molecular Weight	610.52 (anhydrous)
Molecular Formula	$C_{27}H_{30}O_{16} \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	Light-yellow to yellow-green crystalline powder
Identification (IR)	To conform to standard
Solubility (5% in pyridine)	Clear to slightly turbid, faint yellow to dark yellow, green or brown solution
Heavy Metals	$\leq 10\text{ppm}$
Arsenic (As)	$\leq 1\text{ppm}$
Cadmium (Cd)	$\leq 1\text{ppm}$
Lead (Pb)	$\leq 3\text{ppm}$
Mercury (Hg)	$\leq 0.1\text{ppm}$
Sulphated Ash	$\leq 0.5\%$
Loss on Drying	$\leq 9.0\%$
Assay	$\geq 95.0\%$ (dried basis)

Specification Version	- v1.1
Date Created	- 2022-07-06

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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