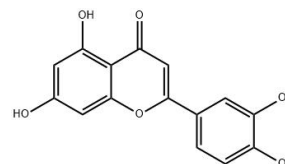


Technical Data Sheet

Luteolin

Compound Information

Product Name:	Luteolin
CAS No.:	491-70-3
Molecular Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Yellow-green fine powder
Odor	Characteristic odor
Melting Point	~330 °C(lit.)
Heavy Metals	≤10 ppm
Cation	Arsenic (As) : ≤1 ppm, Lead (Pb) : ≤1 ppm, Mercury (Hg) : ≤0.5 ppm
Water Content (Karl Fisher)	≤ 2%
Yeast and Mold	≤ 100 cfu/g
Residual Solvents	Not detected
Solvent	Methanol and Water
E. Coli	Negative
Microbial Count	≤ 1000 cfu/g (TPC)
Salmonella	Negative
Particle Size	≥98% pass through 80 mesh
Ash	≤ 2%
Purity by HPLC	≥ 98%
Additional Information	Taste : Characteristic taste, Pesticide residue : 666 : ≤0.2 ppm, DDT : ≤0.2 ppm
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.