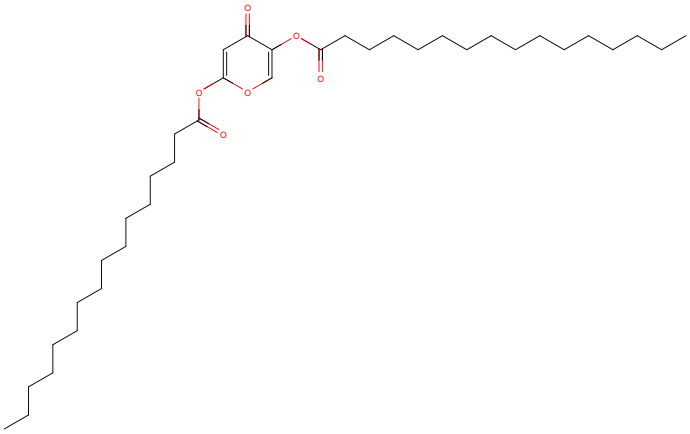
NATURE SCIENCE TECHNOLOGIES

E-mail: inquiries@nstchemicals.com
nstchemicals.com
Phone: +371 24220280

QUALITY SPECIFICATION

Kojic Acid Dipalmitate



Catalog No.: NST-12-23

CAS No.: 79725-98-7

Molecular formula: $C_{38}H_{66}O_6$

MW: 618.92

Shelf life: 24 months

No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Color reaction of ferric chloride	Negative	Visual
4.	Assay	≥98.0 %	HPLC
5.	Melting point	92 °C – 96 °C	USP <741>
6.	Residue on ignition	≤0.5 %	USP <281>
7.	Loss on drying	≤0.5 %	USP <731>
8.	Heavy Metals	≤10 ppm	ICP-MS
9.	Arsenic	≤2 ppm	ICP-MS

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored