



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	Quercetin Dihydrate
Botanical Source	<i>Sophorae Japonica</i>
Used Part	Flower
CAS No	6151-25-3
Molecular Formular	$C_{15}H_{10}O_7$
Specification Version	In house standard
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Appearance	Yellow Powder
Identification	Must positive
Melting point	305-315℃
Particle Size	95% pass through US standard Sieve#80mesh
Reducing sugars	Not be detected
Sulfate	≤1000ppm
Bulk density	≥0.20gm/cc
Tapped density	≥0.20gm/cc
Heavy metals	≤10ppm
Sulphated ash	≤0.30%
Loss on drying	≤5.0%
Assay by HPLC	≥95.0%
Arsenic	≤1ppm
Mercury	≤0.1ppm
Cadmium	≤1ppm
Lead	≤3ppm

Microbiology Control

Total plate count	≤10000cfu/g
Yeast & Mold	≤1000cfu/g
E. coli	Negative
Salmonella	Negative
Coliforms	≤10cfu/g

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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