



Technical Data Sheet
HS/QCL/TDS-01

Issuing date: 13.06.2023

Revised date: 12.06.2023

HORIZON SOPYRWA QUALITY CONTROL LABORATORY

Version 02

TECHNICAL DATA SHEET

TRADE NAME:	REFINED PYRETHRUM CONCENTRATE
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CHEMICAL IDENTIFICATION

CAS number of *Chrysanthemum cinerariaefolium*, extract from open and mature flowers of *Tanacetum cinerariifolium* obtained with hydrocarbon solvent: 89997-63-7

EC number of *Chrysanthemum cinerariaefolium*, extract from open and mature flowers of *Tanacetum cinerariifolium* obtained with hydrocarbon solvent: 289-699-3

PRODUCT SPECIFICATIONS

Total Pyrethrins content : $50 \pm 2\%$ w/w (by HPLC Method)

ADDITIONAL INFORMATION

Diluent-Hydrocarbons, C10-C13, isoalkanes, cyclics, <2% aromatics: $\leq 35\%$


Stabilizer (Butylated hydroxytoluene) : $4 \pm 1\%$ w/w (by HPLC method)

Appearance : Yellowish amber color

Water content : $\leq 1.1\%$ max (by Karl Fisher Method)

Flash point : $> 60^{\circ}\text{C}$ (140°F)(by Abel closed cup Method
ASTMD 3828)

Density : 0.950g/ml at 20°C (68°F)

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STORAGE CONDITIONS

Refined Pyrethrum Concentrate is stable when stored at room temperature and has a shelf life of minimum 2 years from manufacturing, if properly packed and stored. Storage in closed containers is recommended. After two years, the shelf life of the product can be extended for an additional 1 year time provided that a sample of material is supplied by customer to Horizon Sopyrwa for analysis and that this indicates product still matches the specifications.

Do not smoke while handling and using.

Store in a well ventilated place, keep away from food, drinks or animal feedstuffs. Protect from light, sources of heat, bright flames and sparks and other sources of ignition.

The product contains natural compounds deriving from the extraction process which may produce a precipitate upon dilution or storage. This precipitate can be removed by filtration.

For further information, refer to the relevant Safety Data Sheet (SDS).

Manufactured by: Horizon Sopyrwa Ltd, Email Address: info@sopyrwa.com

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