



## TECHNICAL DATA SHEET

<b>Product Name</b>	Rosemary Extract Powder 50% (UA)		
<b>Product Code</b>	UA-50P	<b>Product Brand</b>	
<b>Revision No</b>	01	<b>Revision Month and Year</b>	March-2022

**Description****Description**

Natural-Re UA-50P is obtained by the solvent extraction of Rosemary leaf, Rosmarinus officinalis L. (Fam. Labiatae). It is free from Rosemary aroma and completely soluble in ethanol. Rosemary extract Ursolic acid is considered to be a natural, efficient and stable (high temperature durable), security, non-toxic and non-side-effects.

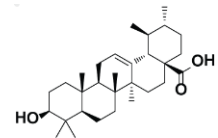
**Assay****Description**

Natural-Re UA-50P contains not less than 50% of the total ursolic acid.

Description	CAS Numbers
Extract of Rosemary	84604-14-8
Ursolic Acid	77-52-1

**Chemical Formula:**

Ursolic Acid ( C<sub>30</sub>H<sub>48</sub>O<sub>3</sub> )



Ursolic acid

**Product Characteristic****Quality Control Data (Measured on each Lot)**

Description	Result/Range
Appearance (Colour)	Off White – Cream Colour Powder
Appearance (Form)	Powder
Ursolic Acid	Min 50%
Residual acetone	As per USP
Loss on drying	Max 6%

**Contaminants** (contaminants are checked on the basis of composite sample of finished product.)

Description	Result/Range
Arsenic	NMT 1 ppm
Lead	Max. 2 ppm
Cadmium	Max. 1 ppm
Mercury	NMT 0.1 ppm

**Microbiology** (Microbial parameters are checked on the basis of composite sample of finished product.)

Description	Result/Range
Total Plate Count	Max 1000 cfu/g
Yeast and Mould	Max 100 cfu/g
E. Coli	Max 10 cfu/g
Salmonella	Negative/25g

**Shelf Life****Description**

18 Months from manufacturing date in original packaging.

**Storage Condition****Description**



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Natural-Re UA-50P must be stored in closed containers at ambient temperature in dry condition.  
Handling recommendations: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents

**Solubility**

**Description**

1g Ursolic acid is soluble in 100ml Ethanol. Non-soluble in water, fats & oil.

**Packaging**

**Description**

Natural-Re UA-50P is available in 5/ 10/20 Kg Corrugated Drum with Aluminum liner. Other Pack sizes are available on customer's request.

**Country of origin**

**Description**

India

**Functions**

**Description**

- It is the natural antioxidant.
- It has the function of anti-aging.
- It has the function of weight Management and reducing blood fat.
- It can treat cardiovascular diseases.
- It has the function of resisting cancer

**Applications**

**Description**

Natural-Re UA-50P is applied in food industry, pharmaceutical & health care industry, and cosmetic industry.

**Safety**

**Description**

Natural-Re UA-50P is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

**Country of origin**

**Description**

India

**Certifications**

**Description**


ISO 9001, ISO 14001, ISO 45001, GMP, FSSC22000, Halal India, Food Chain ID Non-GMO

**Disclaimer**

This Product Data Sheet contains information based on our laboratory analysis at Matrix Life Science Pvt. Ltd, Paithan MIDC, Aurangabad, Maharashtra, India. We assume no responsibility with regards to the suitability of the products for any specific purposes intended by the user. Recommendations for use and applications of the product are given for information purpose only. These suggestions do not release customers for conducting the necessary tests as suitability of the product is dependent on the characteristics of the intended process. The user of the product is solely responsible for compliance with all laws and regulations applied to the use of the product, including intellectual property rights of third parties.  
The information represent typical values, analytical methods are available at customers request.



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