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## Product Master Specification

<b>Item Name</b>	<b>Rosemary Leaf Extract 50% Ursolic acid (Rosmarinus officinalis L.)</b>
<b>Product Code</b>	NIGEHER034451
<b>Product Type</b>	Herbal Extracts
<b>Issue Date</b>	<b>27-Oct-2025</b>
<b>Version</b>	<b>V02</b>
<b>QA Status</b>	Final Approved
<b>Intended use</b>	Food use
<b>Test</b>	Specification
<b>Organoleptic</b>	
<b>Appearance</b>	Green-yellow-brown fine powder
<b>Odour and Taste</b>	Characteristic
<b>Characteristics</b>	
<b>Latin Name</b>	Rosmarinus officinalis L.
<b>Assay</b>	Ursolic acid (HPLC): $\geq 50\%$
<b>Irradiation</b>	Free
<b>GMO</b>	Free
<b>BSE/TSE</b>	Free
<b>Physical/Chemical</b>	
<b>Particle Size</b>	>95% passes 80 mesh
<b>Loss on drying</b>	$\leq 5.00\%$
<b>Ash</b>	$\leq 5.00\%$
<b>Heavy Metals</b>	
<b>Heavy Metals Total</b>	$\leq 10.00$ ppm
<b>Lead (Pb)</b>	$\leq 2.00$ ppm
<b>Arsenic (As)</b>	$\leq 3.00$ ppm
<b>Cadmium (Cd)</b>	$\leq 1.00$ ppm
<b>Mercury (Hg)</b>	$\leq 0.10$ ppm
<b>Microbiological</b>	
<b>Total Plate Count</b>	< 10,000 cfu/g
<b>Yeast and Mould</b>	< 1,000 cfu/g
<b>Enterobacteriaceae</b>	< 10 cfu/g
<b>Escherichia coli (E. coli)</b>	Not detected / 10g
<b>Salmonella</b>	Not detected / 25g

<b>Storage &amp; Handling</b>	
<b>Storage</b>	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
<b>Preparation and/or handling before use or processing</b>	Please ask our QA department for detailed instructions
<b>Transportation</b>	Transportation suitable for dried food powders
<b>Packaging</b>	All packaging meets EU regulations
<b>Shelf Life</b>	2 years from manufacture if stored according to conditions above
<b>Approved by</b>	Quality Department
<b>Signed By</b>	Chloe O'Flaherty
<b>Disclaimer</b>	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
<b>Template Version</b>	NGEMNSPEC202408a
<b>Nutritional (Typical) / 100g</b>	
<b>General Information</b>	While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling.