



Nutraaceuticals Group USA

8404 Sunstate Street
Tampa, FL 33634, USA
Tel: +813-461-7500
sales@nutraintlgroup.com
nutraaceuticalsgroup.com

Nutraaceuticals Group UK

The Old Smithy, 7 High Street, Merstham,
Surrey, RH1 3BA, UK
Tel: +44-203-696-2780
sales@nutraaceuticalsgroup.com
nutraaceuticalsgroup.com

Nutraaceuticals Group DE

Hagener Hauptstraße 8,
21684 Stade, DE
Tel: +49 4162 7023697
sales.de@nutraaceuticalsgroup.com
nutraaceuticalsgroup.com

Product Master Specification

| | |
|--------------------------------|--|
| Item Name | Indian Barberry Root Bark Extract 2:1 (Berberis aristata) |
| Product Code | NIGEHER1357740 |
| Product Type | Herbal Extracts |
| Issue Date | 18-Jun-2026 |
| Version | V01 |
| QA Status | Final Approved |
| Intended use | Food use |
| Test | Specification |
| Organoleptic | |
| Appearance | Yellowish colored Powder |
| Odour and Taste | Characteristic |
| Latin Name | Berberis aristata |
| Parts Used | Root |
| Extract Ratio | 2:1 |
| Irradiation | Free |
| GMO | Free |
| BSE/TSE | Free |
| Physical/Chemical | |
| Particle Size | 95% passing through 60 mesh |
| Bulk Density (Tapped) | 0.25-0.60 gm / ml |
| Bulk Density (Untapped) | 0.15-0.40 gm / ml |
| Loss on drying | ≤ 12.00 % |
| Residue on Ignition | <0.2% |
| pH | 3-6 |
| Heavy Metals | |
| Heavy Metals Total | ≤ 10.00 ppm |
| Lead (Pb) | ≤ 3.00 ppm |
| Arsenic (As) | ≤ 1.00 ppm |
| Cadmium (Cd) | ≤ 1.00 ppm |
| Mercury (Hg) | ≤ 0.10 ppm |
| Microbiological | |
| Total Plate Count | < 1,000 cfu/g |
| Yeast and Mould | < 100 cfu/g |

| | |
|---|---|
| Coliforms | Not detected |
| Escherichia coli (E. coli) | Not detected |
| Salmonella | Not detected |
| Storage & Handling | |
| Storage | Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight. |
| Preparation and/or handling before use or processing | Please ask our QA department for detailed instructions |
| Transportation | Transportation suitable for dried food powders |
| Packaging | All packaging meets EU regulations |
| Shelf Life | 3 years from manufacture if stored according to conditions above |
| Approved by | Quality Department |
| Signed By | Emma Elrington |
| Disclaimer | 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. |
| Template Version | NGEMNSPEC202408a |
| Nutritional (Typical) / 100g | |
| General Information | 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. |