

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Ginger Root Extract, Organic  
**INCI Name:** Glycerin, water, ginger root (Zingiber Officinale Roscoe) extract  
**CAS Number:** 56-81-5, 7732-18-5, 84696-15-1  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Specification	Specification	Result
Appearance	Transparent Liquid- Slightly turbid liquid	Correct
Aerobic Bacteria	Max 100 CFU/g	Correct
Color	Pale brown	Correct
Density@ 20° C	1,125-1,145g/ml	1,134 g/ml
pH	4.0-5.0	4.4
6-Gingerol	Min 100	102 ppm
Yeasts and Molds	Max 10 CFU/g	Correct
Pathogenic Bacteria	Absent in 1 g	Correct

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.