



## NATIONAL PHYSICAL AND STANDARDS LABORATORY

Test Report No: 6877

Date of Issue: 26-10-2016

### TEST REPORT OF HIMALAYAN ROCK SALT SAMPLE

Customer: NERO-DIA, s.r.o.  
Piletická 55, 500 03 Hradec Králové, Czech Republic.

Customers Reference No. Nil

#### Description of the Tested Sample:

Nature /Material of Sample: Himalayan Rock Salt

Number of Sample (s): 01

Customer's ID of Sample: Lot No. 7190 Net Wt. 100000 Kilo  
Exporter's/Producer's Name: Mayo Salt Mine, Khewra, Pakistan.

#### Buyer's Name :

#### Environmental Conditions during Measurements:

Temperature: 25 ± 5 °C

Relative Humidity: 40 ± 10 %

#### Traceability of Measurement:

NPSL is member of BIPM and APMP. Measurements are traceable to SI units through Certified Reference Materials (CRM) / Reference Materials (RM).

#### Ref. Standards/ Method / Equipment used:

1. Annual Book of ASTM Standards, 2007, ASTM, USA.
2. Compendium of Methods for the Microbiological Examination of Foods. 4<sup>th</sup> Edition. 2001. American Public Health Association (APHA), USA.
3. Principles & Guidelines for the Establishment & Application of Microbiological Criteria Related to Foods, CAC/GL 21-1997.

Analysis Report: Attached as Annexure.

#### Reported by:

Dr. M. Tausif Chaudhry, SSO  
Ms. Razia Kalsoom, SO

#### Checked by:

Dr. Naseem Raut  
HoD, CMD/EAL

#### Approved by:

Dr. S. S. Tahir  
Director P & D

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prior written approval of the NPSL"  
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CSS Code: EAL-430

### Analysis Report of Himalayan Rock Salt Sample

Sr. No.	Parameters	Results
1	Purity of NaCl (% by weight)	98.5
2	Moisture (% by weight)	0.07
3	Coliforms (MPN/100 g)	Nil
4	Fecal Coliforms (MPN/100 g)	Nil
5	<i>E. coli</i> (cfu/g)	Nil
6	Yeast and Mold (cfu/g)	Nil
7	<i>Staphylococcus aureus</i> (cfu/g)	Nil
8	<i>Salmonella</i> sp. (cfu/25 g)	Nil

#### Remarks:

The values of the above mentioned parameters in provided rock salt sample are within the permissible limits as per Codex Standards. The sample is fit for human consumption according to CODEX guidelines CX STAN-1985 and CAC/GL 21-1997.

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