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Letter of confirmation

PAH / PCDD / PCDF / Dioxine-like PCB

For human consumption, even though no regulatory requirements apply to salt, we apply the approach of the (EC) regulation 1881/2006 and (EC) regulation 1881/2006 or 2024/1756 respectively fixing maximum levels for certain contaminants in foodstuffs.

For animal feedstuffs, we apply regulation (EC) 277/2012 and its modifications on maximum levels and intervention thresholds for dioxins, furans and polychlorobiphenyls.

The salt samples were tested in accordance with DIN 38414 and ISO 18287, taking into account the following analytes:

- Naphthalene
- Acenaphthylene
- Acenaphthene
- Fluorene
- Phenanthrene
- Antracen
- Fluoranthen
- Pyren
- Benzo(a)anthracene
- Chrysen
- Benzo(b)fluoranthen
- Benzo(k)fluoranthen
- Benzo(a)pyren
- Dibenzo(a,h)anthrazen
- Benzo(g,h,i)perylene
- Indeno(1,2,3-c,d)pyren

The analysis of polychlorinated dibenzodioxins (PCCD) was carried out in accordance with EPA 1613:

- 2,2,7,8-TCDD
- 1,2,3,7,8-PeCDD
- 1,2,3,4,7,8-HxCDD
- 1,2,3,6,7,8-HxCDD
- 1,2,3,7,8,9-HxCDD
- 1,2,3,4,6,7,8-HpCDD
- Octa-CDD

The analysis of polychlorinated dibenzofurans (PCDF) was also carried out in accordance with EPA 1613:

- 2,2,7,8-TCDF
- 1,2,3,7,8-PeCDF
- 2,3,4,7,8-PeCDF
- 1,2,3,7,8-HxCDF
- 1,2,3,6,8-HxCDF
- 2,3,4,6,7,8-HxCDF
- 1,2,3,4,6,7,8-HpCDF
- 1,2,3,4,6,8,9-HpCDF
- Octa-CDF

The analysis of dioxin-like PCB (di-PCB) was also carried out in accordance with EPA 1613:

- PCB Nr. 77
- PCB Nr. 81
- PCB Nr. 126
- PCB Nr. 169
- PCB Nr. 105
- PCB Nr. 114
- PCB Nr. 118
- PCB Nr. 123
- PCB Nr. 156
- PCB Nr. 157
- PCB Nr. 167
- PCB Nr. 189

The tests are performed by high resolution gas chromatography – mass spectrometry (HRGC/HRMS).
The results obtained for all our samples are:

For the dioxins (PCDDs) < 0.10 ng WHO-PCDD-TEQ / kg TS
For the dioxins (PCDFs) < 0.10 ng WHO-PCDF-TEQ / kg TS
For di-PCB < 1.0 µg WHO-PCDF-TEQ / kg TS

SCHWEIZER SALINEN AG

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