

Representing “El Mex Salines Co”. Chemical Analysis for Raw Salt

| | % | |
|-----------|-------|--------|
| Moisture | 7.00 | ±1.000 |
| Insoluble | 0.400 | ±0.200 |

| Contents As Ions | % | |
|--|--------|--------|
| Chlorine (Cl ⁻) | 53.000 | ±0.500 |
| Sulpher (So ₄ ^{- -}) | 3.400 | ±0.200 |
| Calcium (Ca ⁺⁺) | 0.300 | ±0.020 |
| Magnesium (Mg ⁺⁺) | 1.500 | ±0.200 |
| Sodium (Na ⁺) | 33.700 | ±0.500 |

| Contents As Salts | % | |
|---|--------|--------|
| Calcium Sulphate (Ca So ₄) | 1.000 | ±0.200 |
| Magnesium Sulphate (Mg So ₄) | 4.000 | ±0.200 |
| Magnesium Chloride (Mg Cl ₂) | 3.300 | ±0.200 |
| Sodium Chloride (Na Cl)Dry | 90.900 | ±2.000 |

| Gradation of Raw Salt | |
|-----------------------|------|
| SIZE | % |
| Over 10 mm. | 3.9 |
| Over 8 mm. | 4.1 |
| Over 6 mm. | 5 |
| Over 5 mm. | 5.8 |
| Over 4 mm. | 6.7 |
| Over 2 mm. | 43 |
| Under 2 mm. | 31.5 |
| Total | 100% |

SPECIFICATION FOR SIWA SALT

| | | % | |
|--------------|--------------------|-------|--------|
| Moisture | max | 1.00 | ±0.200 |
| Insoluble | max | 0.500 | ±0.200 |
| Bulk Density | ton/m ³ | 1.15 | |

| Contents As Ions | | % | |
|---|-----|------|-------|
| Chlorine (Cl ⁻) | min | 99.0 | ±0.50 |
| Calcium (Ca ⁺⁺) | max | 0.15 | ±0.05 |
| Magnesium (Mg ⁺⁺) | max | 0.10 | ±0.03 |
| Sulphate (So ₄ ^{- -}) | max | 0.60 | ±0.10 |

Sieve Analysis: 0 - 12 mm

Chemical Analysis for Table Salt

| | % |
|-----------|-------------|
| Moisture | 0.2 - 0.3 |
| Insoluble | 0.10 - 0.15 |

| Contents As Ions | % |
|-------------------------|--------|
| Chlorine (Cl^-) | 59.662 |
| Sulphur ($So4^{--}$) | 00.190 |
| Calcium (Ca^{++}) | 00.040 |
| Magnesium (Mg^{++}) | 00.039 |
| Sodium (Na^+) | 39.742 |

| Contents As Salts | % |
|----------------------------------|------------|
| Calcium Sulphate ($Ca So4$) | 00.136 |
| Magnesium Sulphate ($Mg So4$) | 00.117 |
| Magnesium Chloride ($Mg Cl_2$) | 00.064 |
| Sodium Chloride ($Na Cl$)Dry | 98.00 min. |

| Gradation of Table Salt | |
|-------------------------|-------|
| SIZE | % |
| Over 1 mm. | 3 |
| Under 1 mm. | 97 |
| Total | 100 % |

Chemical Analysis for Kitchen Salt

| | % |
|-----------|-------------|
| Moisture | 0.2 - 0.3 |
| Insoluble | 0.10 - 0.15 |

| Contents As Ions | % |
|--------------------------------|--------|
| Chlorine (Cl ⁻) | 59.662 |
| Sulpher (So4 ^{- -}) | 00.190 |
| Calcium (Ca ++) | 00.040 |
| Magnesium (Mg ++) | 00.039 |
| Sodium (Na +) | 39.742 |

| Contents As Salts | % |
|-------------------------------|-------------|
| Calcium Sulphate (Ca So4) | 00.136 |
| Magnesium Sulphate (Mg So4) | 00.117 |
| Magnesium Chloride (Mg Cl2) | 00.064 |
| Sodium Chloride (Na Cl)Dry | 98.00 min. |
| KIO ₃ | 40 - 65 ppm |

| Gradation of Kitchen Salt | |
|---------------------------|-------|
| SIZE | % |
| Over 2.8 mm. | 4 |
| Under 2.8 mm | 96 |
| Total | 100 % |

Chemical Analysis for Washed Salt

| | % |
|-----------|--------------|
| Moisture | 4.000 ± 1.00 |
| Insoluble | 0.250 ±0.050 |

| Contents As Ions | % |
|--|---------------|
| Chlorine (Cl ⁻) | 59.250 ±0.500 |
| Sulpher (So ₄ ^{- -}) | 0.750 ±0.200 |
| Calcium (Ca ++) | 0.075 ±0.050 |
| Magnesium (Mg ++) | 0.300 ±0.050 |
| Sodium (Na +) | 37.000 ±0.500 |

| Contents As Salts | % |
|---|---------------|
| Calcium Sulphate (Ca So ₄) | 0.250 ±0.100 |
| Magnesium Sulphate (Mg So ₄) | 0.750 ±0.200 |
| Magnesium Chloride (Mg Cl ₂) | 0.550 ±0.050 |
| Sodium Chloride (Na Cl)Dry | 98.000 ±0.500 |



| Gradation of Table Salt | |
|-------------------------|------|
| SIZE | % |
| Over 4 mm. | 35 |
| Over 2.8 mm. | 50 |
| Under 2.8 mm | 15 |
| Total | 100% |

For any clarification kindly contact :

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