






Technical data sheet for natural potassium sodium tartrate granular

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| PRODUCT | L(+) POTASSIUM SODIUM TARTRATE NATURAL ROCHELLE SALT NATURAL SEIGNETTE SALT NATURAL CAS 6100-16-9 / 6381-59-5 . EINECS 206-156-8 E 337 | CERTIFICATIONS    |
| ORIGIN | THIS PRODUCT IS MANUFACTURED BY NOVARINA WITH ONLY NATURAL WINE ORIGIN RAW MATERIALS | |
| REACH | This product has been registered with reference number 01-2119524666-34-0002. | |
| DESCRIPTION | White crystalline powder , odourless , taste saline and cooling , slightly efflorescent in warm air . | |
| FORMULA | COONa-CHOH-CHOH-COOK * 4 H2O | |
| MOLECULAR WEIGHT | 282.2 | |
| COMPOSITION | 100% potassium sodium tartrate | |
| DENSITY | 1,78 | |
| APPARENT DENSITY | 0,9 | |
| MELTING POINT | 70 - 80 °C | |
| SOLUBILITY | Soluble in 1.5 part water ; insoluble in alcohol. The aqueous solution is slightly alkaline to litmus , pH 7 -8 . | |
| SPECIFIC ROTATION | [α] ²⁰ _D + 27° + 30° | |
| USE | As additive in food industry: E337 ; for preparation in sigarete paper; in manufacture of mirrors ; in plating industry ; for delaying the quick setting of gypsum and cement. | |
| PACKING | 25 Kilos paper bags with polyethylene inner bag or 50 Kg fiber drums with polyethylene inner bag. – No warranties against caking | |
| TRANSPORT | No restriction | |
| STORAGE | Preserve in tight containers in dry , cool place . | |
| ANALYTICAL DATA | | |
| APPEARANCE | WHITE CRISTALS, VERY SOLUBLE IN WATER, INSOLUBLE IN ALCOHOL | |
| IDENTIFICATION | IT GIVES REACTION OF TARTRATES, SODIUM, POTASSIUM | |
| WATER | 24,0 – 26% | |
| ASSAY | 99.0 - 102.0 % | |
| ACIDITY / ALCALINITY | pH OF 5% SOLUTION: 6,5 – 8,5 | |
| HEAVY METALS | <5 ppm | |
| LEAD | <1 ppm | |
| MERCURY | <1 ppm | |
| ARSENIC | <1 ppm | |
| IRON | <10 ppm | |
| CALCIUM | <50 ppm | |
| AMMONIUM | <20 ppm | |
| SULPHATES | <50 ppm | |
| CHLORIDES | <10 ppm | |
| BARIUM and OXALATES | TEST | |
| SIEVE ANALYSIS | MIN.60% RETAINED ON 60 MESH SIEVE (0.25 mm.) | |
| SPECIFIC ROTATION | +28.0 TO +30.0 | |
| INSOLUBLE MATTER | <100 ppm | |
| OGM | OGM FREE | |
| ALLERGENES | ALLERGENES FREE | |
| GLUTEN | GLUTEN FREE | |
| OTHERS ADDITIVES | ADDITIVES FREE | |
| CONTAMINANTS (pesticides, dioxine, mycotoxines, PCB, antibiotics, PAH.) | CONTAMINANTS FREE | |
| SPECIAL TREATMENTS (RADIATIONS, STEAM etc.) | NO SPECIAL TREATMENTS | |
| PRODUCT VALIDITY | 5 YEARS FROM PRODUCTION DATE | |

COMPLIES WITH THE CHEMICAL PURITY REQUIREMENTS OF USP 38, F.C.C.IV, REG. CE N. 1333/2008, EUROPEAN PHARMACOPOEIA 6.0. Not intended to be used as a pharmaceutical product.