



Epsom Salt

chemically pure, FCC

JC Peacock & Co Ltd
Astmoor Ind Estate
93-94 Chadwick Road
Runcorn
do not use
WA7 1PW
United Kingdom

2022-04-11
Werk Werra, Standort HA
Nicole Kolz
Quality Control
06620/792050
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| | | | |
|----------------------|-----------------------------------|--------------------|-------------------|
| Manufacturer: | K+S Minerals and Agriculture GmbH | K+S Batch No.: | 2122000060 |
| K+S Order No.: | 7100249151 | Manufact. Date: | 2022-03-23 |
| Delivery /-Item No.: | 7200593531 / 900002 | Date of minimum | |
| Quantity: | 21 TO | durability: | 2027-03-23 |
| Loading date: | 2022-04-08 | K+S Specification: | 74961 359-2 (S02) |
| Cust. Order No.: | P280060 | | |

General information:

Manufacturer's address: Bertha-von-Suttner-Str. 7, 34131 Kassel, Germany

Manufacturing site's address: Hattorfer Str., 36269 Philippsthal, Germany

Chemical Name: Magnesium Sulphate Heptahydrate

Characters: colorless crystal or a granular crystalline powder

Solubility: readily soluble in water, slowly soluble in glycerine, and sparingly soluble in alcohol

| Parameter | Method of Analysis | Result | Specification |
|---------------------|---|-------------|----------------|
| Assay (Dried Basis) | calculated | 99.8 % | >= 99.5 % |
| Loss on Ignition | gravimetry | 50.6 % | 40.0 .. 52.0 % |
| Identity Reaction | ICP - AES | corresponds | o.K. |
| Lead *) | DIN EN ISO 17294-2 (MgSO ₄) | <4 mg/kg | <= 4 mg/kg |
| Selenium *) | DIN EN ISO 17294-2 (MgSO ₄) | <30 mg/kg | <= 30 mg/kg |
| Magnesium Sulphate | calculated | 49.3 % | % |
| Sodium | ICP - AES | 0.002 % | % |
| Potassium | ICP - AES | 0.048 % | % |
| Calcium | ICP - AES | 0.001 % | % |
| Chloride | volumetry | 0.004 % | % |

*) not tested on each batch

Electronically released by Nicole Kolz on 2022-03-29