



Chemische Fabrik Budenheim KG · P.O. Box 1147-1149 · 55253 Budenheim · Germany

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## Certificate of Analysis

Date  
06.05.2016  
Purchase order/date  
F201601234 / 18.04.2016  
Delivery item/date  
7066439 000010 / 06.05.2016  
Order item/date  
3310409 000800 / 19.04.2016  
Contact:  
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CODICE 689210  
LOTTO INTERNO 164483001  
DATA 10052016  
IMMESSO  
CONTROLLATO eu

N 51-12  
Sodium dihydrogenphosphate 2-hydrate  
Ph.Eur., USP  
cryst.

Complies to chemical specification currently required in EU regulation 231/2012 for E 339(I).

Material-No. Batch-No.: Production date: Best before: Delivered quantity:  
0000002025 C36988A (D.M.Y) 02.04.2016 (D.M.Y) 02.04.2018 2.100,00 KG

| Characteristic               | Unit | Value  | Lower Limit | Upper Limit | Method |
|------------------------------|------|--------|-------------|-------------|--------|
| Assay                        | %    | 100,0  | 98,0        | 100,5       | P11    |
| P2O5                         | %    | 45,5   | 45,0        | 45,7        | P11    |
| Na2O                         | %    | 19,9   | 19,7        | 20,0        | P11    |
| Loss on Drying (130 °C)      | %    | 23,0   | 21,5        | 24,0        | TV1    |
| Water                        | %    | 23,1   | 18,0        | 26,5        | P11    |
| pH (5%)                      |      | 4,3    | 4,2         | 4,5         | PH-POT |
| Arsenic                      | ppm  |        |             | 1           | AS10   |
| Lead                         | ppm  |        |             | 1           | OES    |
| Cadmium                      | ppm  |        |             | 1           | OES    |
| Iron                         | ppm  |        |             | 10          | OES    |
| Mercury                      | ppm  |        |             | 1           | HG1    |
| Heavy Metals (as Pb)         | ppm  |        |             | 10          | OES    |
| Al, Ca, and related elements |      |        | passes Test |             | USP    |
| Chloride                     | ppm  |        |             | 140         | CLPHOT |
| Fluoride                     | ppm  |        |             | 10          | F10    |
| Sulfate                      | ppm  |        |             | 50          | SO10   |
| Identification (Tests)       |      |        | passes Test |             | ID10   |
| Reducing substances          |      |        | passes Test |             | PHEUR  |
| Organic volatile impurities  |      |        | passes Test |             | USP    |
| Solubility 10%               |      |        | passes Test |             | VIS    |
| H2O-insoluble substances     | %    | < 0,01 |             | 0,01        | UR10   |

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