



SPECIFICATION SHEET

|                |   |  |
|----------------|---|--|
| Product Name   | : | Sodium sulfate Anhydrous, for analysis ACS,ISO,Reag. Ph Eur. |
| Product Number | : | 969.146  |
| Brand          | : | ISOLAB   |
| CAS Number     | : | 7757-82-6  |
| Formula        | : | Na <sub>2</sub> O <sub>4</sub> S                             |
| Formula Weight | : | 142.04 g/mol   |

| TEST NAME   | SPECIFICATION | UNIT |
|---|---------------|------|
| Assay (alkalimetric, calculated on dried substance) | ≥ 99.5 %      | %    |
| Identity  | passes test   |      |
| Appearance of solution                              | passes test   |      |
| Acidity or alkalinity                               | passes test   |      |
| Insoluble matter                                    | ≤ 0.01 %      | %    |
| Acidity (H <sub>2</sub> SO <sub>4</sub> )           | ≤ 0.01 %      | %    |
| pH-value (5%; water)                                | 5.2 - 8.0     |      |
| Chloride (Cl)                                       | ≤ 0.001 %     | %    |
| Phosphate (PO <sub>4</sub> )                        | ≤ 0.001 %     | %    |
| Nitrogen compounds (as N)                           | ≤ 0.0005 %    | %    |
| Heavy metals (as Pb)                                | ≤ 0.0005 %    | %    |
| As (Arsenic)  | ≤ 0.0001 %    | %    |
| Ca (Calcium)  | ≤ 0.005 %     | %    |
| Cu (Copper)   | ≤ 0.0005 %    | %    |
| Fe (Iron)   | ≤ 0.0005 %    | %    |
| K ( Potassium)                                      | ≤ 0.002 %     | %    |
| Mg (Magnesium)                                      | ≤ 0.001 %     | %    |
| Loss on drying (130°C)                              | ≤ 0.5 %       | %    |
| Loss on ignition (800°C)                            | ≤ 0.5 %       | %    |
| Reducing substances (O)                             | ≤ 0.002 %     | %    |
| Oxidising substance                                 | no reaction   |      |

Quality Management  
Isolab Laborgerate GmbH

