

## 2286 – SODIUM DIETHYLDITHIOCARBAMATE, AR GRADE

|                           |                                                                                       |                         |
|---------------------------|---------------------------------------------------------------------------------------|-------------------------|
| REF NO: TBL/QA/SS/LC/2286 | <b>STANDARD SPECIFICATION<br/>FOR SODIUM<br/>DIETHYLDITHIOCARBAMATE,<br/>AR GRADE</b> | Rev. No: 03             |
| Issue No: 04              |                                                                                       | Review Date: 21/03/2025 |
| Issue Date: 22/03/2022    |                                                                                       | Product code: 2286      |

### PRODUCT PROPERTIES

|                           |                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>C.A.S Number</b>       | 20624-25-3                                                                                                             |
| <b>Chemical Formula</b>   | $(C_2H_5)_2.NCS_2Na.3H_2O$                                                                                             |
| <b>Formula weight</b>     | 225.31                                                                                                                 |
| <b>Functional Uses</b>    | Sodium diethyldithiocarbamate (DDC) is a chelating agent of value in the treatment of acute nickel carbonyl poisoning. |
| <b>Standard Packaging</b> | 100 gm, 500 gm                                                                                                         |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION              |
|-------------------|----------------------------|
| Appearance        | White to off-white powder. |
| Solubility        | Soluble in water.          |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER                 | SPECIFICATION |
|-----------------------------------|---------------|
| Sulphated Ash                     | 30.5 – 32.5%  |
| Sensitivity as reagent for copper | Passes test.  |
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| Assay                             | NLT – 99.0%   |
| Sulphated Ash                     | 30.5 – 32.5%  |

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

