

## CM 23612 – VITAMIN B<sub>10</sub> (PARAAMINO BENZOIC ACID)

### PRODUCT PROPERTIES

|                    |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C.A.S Number       | 150-13-0                                                                                                                                                                                                                                                                                                                                                           |
| Chemical Formula   | C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub>                                                                                                                                                                                                                                                                                                                      |
| Formula weight     | 137.14                                                                                                                                                                                                                                                                                                                                                             |
| Functional Uses    | 4-Aminobenzoic acid (4-ABA) can be used in the synthesis of:<br>Schiff bases based on 4-ABA with good antibacterial activity.<br>Co (II) and Mn (II) salts of 4-ABA supported on silica gel which in turn can be used as catalysts in oxidation of this to disulfides.<br>4-amino-3-bromobenzoic acid.<br>Curing agent, N-(4-carboxyphenyl) trimellitimide (NCPT). |
| Standard Packaging | 100 gm.& 500 gm.                                                                                                                                                                                                                                                                                                                                                   |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION    |
|-------------------|------------------|
| Appearance        | Off white powder |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Melting Point     | 185 – 187°C   |
| Assay             | NLT – 99.0%   |

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

