

山东滨州智源生物科技有限公司

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Technical Data Sheet for Gamma-cyclodextrin

Cas No:17465-86-0

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|--|---|---|
| Appearance: | White or almost white amorphous or crystalline powder . | |
| Solubility: | Freely soluble in water and in propylene glycol;Very slightly soluble in alcohol. | |
| Identification: | IR | Same absorption bands as USP Gamma Cyclodextrin RS |
| | HPLC | The retention time of the major peak of same solution corresponds to the standard solution. |
| | Optical rotation | +174° ~+180° |
| Assay | 98.0%~102.0% | |
| Residue on Ignition | ≤0.1% | |
| PH | PH 5.0~8.0 | |
| Reducing Substances | ≤0.5% | |
| Alpha cyclodextrin | ≤0.5% | |
| Beta cyclodextrin | ≤0.5% | |
| Sum of other impurities | ≤0.5% | |
| Loss on Drying | ≤11.0% | |
| Color and Clarity of solution | At 420nm,the absorbance is not greater than 0.2.,and the solution is clear. | |
| The total aerobic microbial count | ≤1000cfu/g | |
| The total combined moulds and yeasts count | ≤100cfu/g | |
| Storage | Preserve in well-closed containers.Store at room temperature. | |