



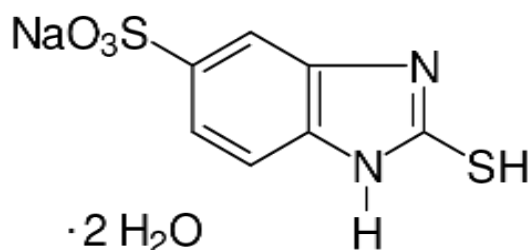
SPECIFICATION

Mebi acid

Version 10 / 14.11.2022

| | |
|----------------------|---|
| Code No. | 12970 |
| CAS No. | 207511-11-3 |
| Chemical Name | Sodium 2-mercaptobenzimidazole-5-sulfonate dihydrate |

Structure



| | | |
|---------------------------|---|--------------------------|
| Molecular Formula | C ₇ H ₅ N ₂ NaO ₃ S ₂ ·2H ₂ O | |
| Molecular Weight | 288.28 | |
| Product Properties | Appearance | White crystalline powder |
| | Assay (%) | ≥ 98.0 (HPLC) |
| | Loss on drying (%) | 12 – 13 |
| | Sulfated ash (%) | 23.5 - 26.5 |
| | Solubility (3,33% H₂O) | clear, no residue |
| Storage | Cool, dry, tightly closed | |
| Application | Antifogging agent in photography | |

Changes in comparison to previous issue: Layout