



SPECIFICATION

Ribavirin

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|-------------------|---|
| Product Code: | NR02712 |
| Synonyms: | 1-β-D-Ribofuranosyl-1H-1,2,4-triazole-3-carboxamide Viramid, Virazid, Virazole |
| CAS Number: | 36791-04-5 |
| Chemical Formula: | $C_8H_{12}N_4O_5$ |
| Molecular Weight: | 244.2 |

TECHNICAL SPECIFICATION

| | | |
|---|---------------------------|-----|
| Appearance: | White to off-white powder | |
| Assay: | min 98% | |
| Specific optical rotation [α] _D | -37.0 to -33.5° | 20. |
| Loss on drying: | max 0.5% | |
| Identity (IR): | Conforms to structure | |
| Residue on ignition (sulfated): | max 0.25% | |
| Heavy metals (Pb): | max 10ppm | |
| pH: | 4.0 - 6.5 | |