

QUALITY SPECIFICATION

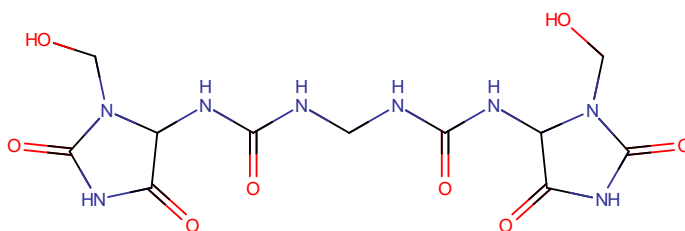
Imidazolidinyl Urea

Catalog No.: NST-10-255

CAS No.: 39236-46-9

Molecular formula: $C_{11}H_{16}N_8O_8$

MW: 388.29



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	IR
4.	Odor	None or characteristically mild	Organoleptic
5.	Nitrogen Content	26.0%-28.0%	In house
6.	Sulfated ash	≤3.0 %	In house
7.	Loss on drying	≤3.0 %	In house
8.	pH value	6.0-7.5	pH meter
9.	Color and clarity of solution	Dissolve 3.0 g in 7.0 ml of water	In house
10.	Heavy Metals	≤10 ppm	ICP-MS

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored