

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS****Product Name** - 2,2-Dimethyl-1,3-dioxane-4,6-dione (Meldrum's Acid)

S. No.	Test Parameters	Specification	Result
1	Description	White crystalline powder	White crystalline powder
2	Identification by HPLC	The retention time of the main peak of the test correspond to that of the standard solution, as directed in the assay by HPLC.	Complies
3	Water by KF (%w/w)	Not more than 0.5	0.23
4	Residue on ignition (%w/w)	Not more than 1.0	0.13
5	Related Substance by HPCL (% area)		
	Single maximum impurity	Not more than 0.5	Not detected
	Total impurity	Not more than 3.0	Not detected
6	Assay by HPLC (%w/w)	Not less than 98.0	100.4
7	Malonic acid content by HPLC (%w/w)	Not more than 2.0	0.06