

4061 – DIOCTYL SODIUM SULPHOSUCCINATE 98%

REF NO: TBL/QA/SS/LC/4061	STANDARD SPECIFICATION FOR DIOCTYL SODIUM SULPHOSUCCINATE 98%	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date: 13/11/2021		Product code: 4061

PRODUCT PROPERTIES

C.A.S Number	577-11-7
Chemical Formula	$C_{20}H_{37}NaO_7S$
Formula weight	444.56
Functional Uses	Diocetyl sulfosuccinate sodium salt (DOSS) can be used as an anionic surfactant to prepare microemulsion with sodium salt of 3-(cyclohexylamino)-2-hydroxy-1-propanesulfonic acid (CAPSO) for the electrophoresis detection of natural and synthetic estrogens.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White, wax-like, plastic solid.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1.0% w/v Soln.)	5.8 – 6.9
Loss on Drying (105°C for 2 hrs)	NMT – 2.0%
Sulphated Ash	15.5 – 16.2%
Lead (Pb)	NMT – 0.0002%
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

