Navadia Finechem
1309-03, G.I.D.C Estate
Ankleshwar 393 002, (Gujarat), India
Phones :- +91 - 2646 - 252111
Email :- navadiafinechem@gmail.com

Manganese Acetate

(C.A.S - 6156-78-1)

Physical Characteristics

Manganese Acetate Tetra-Hydrate is crystalline powder Material with slight acidic odor. It is mildly irritating to the eyes, skin and respiratory tract

TYPICAL PROPERTY VALUES

Chemical Characteristics			
Properties	**Value**	**Units**	**Test Method**
Molecular Weight	245.0884	Gram/Mole	-
Melting point	80°C / 176°F		-
pH	6 – 7	pH	-
Technical Specifications			
Properties	**Value**	**Units**	**Test Method**
Assay	98.90	% Min	Mn Content X 4.4612
Mn Content	22.20	% Min	By Titration
Calcium as Ca	0.02	% Max	By ICP - OES
Copper as Cu	0.0025	% Max	By ICP - OES
Iron as Fe	0.002	% Max	By ICP - OES
Lead as Pb	0.0015	% Max	By ICP - OES
Nickel as Ni	0.003	% Max	By ICP - OES
Sodium As Na + Potassium as K	0.015	% Max	By ICP - OES
Zinc As Zn	0.005	% Max	By ICP - OES
Chloride as Cl	0.002	% Max	Argentometric Titration
Nitrate as NO_3	0.005	% Max	By Uv-Vis Spectrophotometer
Sulphate as SO_4	0.01	% Max	By Uv-Vis Spectrophotometer
In Soluble in Water / 5% Dilute Acetic Acid	0.005	% Max	Crucible Method

APPLICATIONS

- Manganese acetate is used as a catalyst in production of polyester chips and PTA.
- Manganese acetate is used in a wide variety of different reactions including oxidization reactions, vinyl ester synthesis and polymerization reactions.
- Manganese acetate is used in leather tanning and in dishwashing tablets
- Manganese Acetate is also used as laboratory reagent, laboratory chemical

TOXICITY AND SAFETY

Refer to MSDS

STORAGE AND HANDLING

Refer to MSDS