






# Product Specification

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## POTASSIUM PERMANGANATE PURIFIED

PRODUCT CODE	029644
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7722-64-7)
ATOMIC OR MOLECULAR FORMULA	KMnO <sub>4</sub>
ATOMIC OR MOLECULAR WEIGHT	158.03
PROPERTIES	Decomposes ~240°C with evolution of oxygen; Decomposes by alcohol and many other organic solvents, also by concentrated acids.
PARAMETER	LIMIT
Description	Dark purple or almost black crystals with a metallic lusture.
Solubility	5% solution in water is clear.
Minimum Assay (Iodometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.5%
Chloride (Cl)	0.02%
Nitrate (NO <sub>3</sub> )	0.2%
Sulphate (SO <sub>4</sub> )	0.05%
Note(s) : Assay (if applicable) method mentioned.	
<b>DANGER</b> <b>Hazard statements</b> : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects. <b>Precautionary statements</b> <b>Prevention</b> : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. <b>Response</b> : If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.	
<b>Disposal</b> : The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. Add bromine / iodine / inorganic peroxide / oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution	
Hazard Pictogram(s) :-	
<div> GHS03</div> <div> GHS05</div> <div> GHS07</div>	