

Darrant Distribution LTD  
Unit 1 Witham Point  
Business Park  
Wavell Drive  
Lincoln  
LN3 4PL

## POTASSIUM PERMANGANATE

**Material Group:** 102855

**NOVEMBER 2015**

**Description:** Crystals or granules are dark purple with a metallic sheen, sometimes with a dark bronze-like appearance. It has a sweetish, astringent taste and is odourless.

**Formula:**  $\text{KMnO}_4$

**MW:** 158.8 g/mol

<b>Test</b>	<b>Specification</b>
Asay Guaranteed $\text{KMnO}_4$ (%)	$\geq 98.5$
Water Insolubles (% m/m)	$\leq 1.0$
Particle size – retained sieve 425 $\mu$ (%)	20 Max
retained sieve 75 $\mu$ (%)	7 Max
Moisture (% m/m)	$< 0.5$
<b>Typical Properties</b>	
Specific Gravity solid ( $\text{g/cm}^3$ )	2.703
3% solution G/ml by weight 20°C/4°C	1.020
Bulk Density ( $\text{g/cm}^3$ )	Approx 1.45 – 1.60

**Storage:** Protect containers against chemical damage. Product is stable and will keep indefinitely if stored in a cool, dry area in closed containers. Concrete floors are preferred to wooden decks.

### Revision 00

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