



# Product Specification

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## SODIUM-β-GLYCERO PHOSPHATE AR SUBSTRATE FOR THE ASSAY OF PHOSPHATASE

<b>PRODUCT CODE</b>	<b>643255</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(13408-09-8)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>3</sub>H<sub>7</sub>Na<sub>2</sub>O<sub>6</sub>P.5H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>306.11</b>
<b>PROPERTIES</b>	<b>Soluble in water, insoluble in alcohol.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Potentiometric)	98.0%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Water Content	29.0 - 33.0%
Free alkali (as NaOH)	0.6%
Chloride (Cl)	0.01%
Sulphate (SO <sub>4</sub> )	0.01%
Phosphate(PO <sub>4</sub> )	0.025%
Arsenic (As)	0.0005%
Calcium (Ca)	0.01%
Heavy metals (as Pb)	0.002%
Sodium α-glycerophosphate	2.0%
<b>Note(s): Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements :</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b> ---	IMDG Code : UN No. : IATA :
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	
Hazard Pictogram(s) :--	