



# Product Specification

cdhfinechemical.com

## POTASSIUM SULPHATE LOW IN NITROGEN CONTENT SUITABLE FOR PROTEIN TEST

<b>PRODUCT CODE</b>	<b>029658</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(7778-80-5)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>K<sub>2</sub>SO<sub>4</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>174.25</b>
<b>PROPERTIES</b>	<b>Soluble in water, insoluble in alcohol.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Colourless crystals or white crystalline powder.
Solubility	Dissolve 5 gm sample in 50 ml of hot water and heat on the steam bath for 1 hour. The resulting solution should be clear and colourless.
Minimum Assay ( Alkalimetric)	99.0%
pH of (5% solution in water)	5.5 – 8.5.
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying (at 130°C for 4 hours.)	1.0%
Total Nitrogen (N)	0.005%
Chloride (Cl)	0.05%
Iron (Fe)	0.001%
Lead (Pb)	0.003%
<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.	
<b>Hazard Pictogram(s) :--</b>	

Replace Date 11-Jan-2022