Kerala State Drugs and Pharmaceuticals Ltd
(A Govt. of Kerala Enterprise)
KALAVOOR, ALAPPUZHA
Phone :0477-2258184 (Extn:207) ; Email :purchase@ksdp.in
Web :http://www.ksdp.co.in

KSDP/PS/EQ/2024-25/20000414/T-211 **29-8-2024**

Notice Inviting Email Quotation for the supply of Sodium Chloride IP(Parenteral Grade)-180 Kg, Potassium Chloride IP(Parenteral Grade)-10 Kg, Magnesium Chloride IP-5 Kg, Hydrochloric Acid AR-10 Ltr & Metronidazole IP-20 Kg

Quotations are invited for the supply of undermentioned goods/ services as per the attached specifications on FOR destination basis at our factory site at Kalavoor,Alapuzha, Kerala state

Sl No.	ITEM CODE & DESCRIPTION	UNIT	QUANTITY	EMD	TENDER FEES
1	10300023 Sodium Chloride I.P. (Parenteral Grade)	KG	180.000	♦ Not Applicable	♦ Not Applicable
2	10300026 Potassium Chloride I.P. (Parenteral Grade)	KG	10.000		
3	10300028 Magnesium Chloride I.P.	KG	5.000		
4	10300031 Hydrochloric Acid AR	LTR	10.00		
5	10100039 METRONIDAZOLE I.P.	KG	20.000		

Quotations should be submitted as per the Proforma given below on your letter head.

Sl No.	Name of item	Make	Rate per unit (including freight, if any)	GST %	Offer validity	Remarks, if any

Due Date/Time : 2-Sep-24 / 12.30PM **Opening Date/Time: 2-Sep-24 / 1.00PM**

Note : Please provide the COA along with quotation.

Offer validity*: Minimum 7 days offer validity from the date of closure of bid submission.
Quotation received with offer validity less than 7 days from the date of closure of bid submission will be entirely rejected.

Please send your lowest offers of the item to our e-mail ksdptender@gmail.com before 12.30 PM, 02/09/2024.

The Quotation should be submitted through a password protected excel sheet. Please share your password to our email ksdptender@gmail.com@1.00 PM, 02/09/2024.

TERMS & CONDITIONS

Continued...

1.Payment terms :- **30 days after the receipt of material with documents and QC approval.**

2.Mode of payment:- **E-Payment**

3.Delivery Period:- **Within 15 days from the award of Purchase Order**

HOD - Purchase

	KERALA STATE DRUGS AND PHARMACEUTICALS LTD, KALAVOOR PO, ALAPPUZHA, KERALA-688522		
Raw Material Specification			
Name of the Material: **HYDROCHLORIC ACID I.P./AR**			
SOP No:	KSDP/SOP/SPEC01	Spec. No:	KSDP/R/SPEC01/310
Effective date:	19/7/24	Revision No:	00

Sl.No.	TESTS	SPECIFICATION
1.	Description	A Clear, colourless, fuming liquid
2.	Identification	
A)	Chemical test	When added to potassium permanganate, chlorine is evolved
B)	Chlorides	A curdy white precipitate is formed
3.	Arsenic	1 PPM
4.	Heavy metals	5 PPM
5.	Bromide and iodide	Chloroform layer does not become brown or violet
6.	Free chlorine	Any blue colour produced disappears on the colour of 0.2ml of 0.01m sodium thiosulphate.
7.	Sulphite	The colour of the iodine is not completely discharged.
8.	Sulphates	20ppm
9.	Residue on evaporation	Not more than 0.01% determined on 100g.
10.	Assay	Not less than 35.0 % w/w and not more than 38.0% w/w.

The product complies to I.P. 2022 with respect to above tests.

Prepared by	Checked by	Reviewed by	Approved by	Authorized by	
QA Officer	QC Head	Dy. Manager Production	Production Head	QA Head	
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	KERALA STATE DRUGS AND PHARMACEUTICALS LTD, KALAVOOR PO, ALAPPUZHA, KERALA-688522			
Raw Material Specification				
Name of the Material: **POTASSIUMCHLORIDE I.P. (PARENTERAL GRADE)**				
SOP No:	KSDP/SOP/SPEC01	Spec. No:	KSDP/R/SPEC01/301	
Effective date:	19/7/24	Revision No:	00	Page **1** of **2**

Sl.No.	TESTS	SPECIFICATION
1.	Description	Colorless crystals or a white, crystalline powder.
2.	Solubility	Freely soluble in water, practically insoluble in ethanol and in ether.
3.	Identification	
I.	The solution gives the reactions of potassium salts	A) A yellow or orange yellow precipitate is produced immediately. B) A white, crystalline precipitate is produced.
II.	The solution gives the reactions of chlorides	A) A curdy white precipitate is formed, which is insoluble in nitric acid but soluble, after being well washed with water, in dilute ammonia solution, from which it is reprecipitated by the addition of dilute nitric acid. B) Place a filter-paper strip moistened with 0.1 mL of diphenyl carbazide solution over the mouth of the test-tube; the paper turns violet-red.
4.	Appearance of solution	Solution A is clear, and colourless.
5.	Acidity or alkalinity	Requires not more than 0.5 mL of 0.01 M sodium hydroxide or 0.01 M hydrochloric acid for neutralization to bromothymol blue solution.
6.	Arsenic	NMT 1 ppm.
7.	Barium	The solution, after not less than 15 minutes, is not more opalescent than a mixture of 5 mL of solution A and 6 mL of water.
8.	Heavy metals	NMT 10 ppm.
9.	Calcium and magnesium	The solution remains clear.
10.	Iron	NMT 20 ppm.
11.	Bromides	NMT 0.1 %.
12.	Iodides	The substance shows no blue color after 5 minutes.

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13.	Sulphates	NMT 300 ppm.
14.	Loss on drying	NMT 1.0 %, determined on 1.0 g.
15.	Aluminium	NMT 1 ppm.
16.	Sodium	NMT 0.1 %.
17.	Assay	NLT 99.0 % and NMT 100.5 %, calculated on the dried basis.
18.	Microbial Enumeration Tests* i. Total aerobic microbial count (TAMC) ii.Total Combined Yeasts and Molds count (TYMC)	 ≤ 100 CFU/g ≤ 50CFU/g

*In house specification

The product complies to I.P. 2022 with respect to above tests.

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	KERALA STATE DRUGS AND PHARMACEUTICALS LTD, KALAVOOR PO, ALAPPUZHA, KERALA-688522		
Raw Material Specification			
Name of the Material: **METRONIDAZOLE I.P.**			
SOP No:	KSDP/SOP/SPEC01	Spec. No:	KSDP/R/SPEC01/303
Effective date:	19/7/24	Revision No:	00

Sl.No.	TESTS	SPECIFICATION
1.	Description	A white or yellowish, crystalline powder.
2.	Solubility	Slightly soluble in water; in ethanol (95 %), in acetone and in dichloromethane; very slightly soluble in ether.
3.	Identification	
A)	By IR	The spectrum obtained with sample shall be concordant with the spectrum obtained with metronidazole IPRS or with the reference spectrum of metronidazole.
B)	By UV	Absorbance at about 277 nm, between 0.365 and 0.395.
C)	The solution gives the reaction of primary aromatic amines	An intense orange or red colour and, usually, a precipitate of the same colour is produced.
4.	Appearance of solution	A 5 % w/v solution in 1 M hydrochloric acid is not more opalescent than opalescence standard OS2, and not more intensely coloured than reference solution GYS4.
5.	Related substances	i) Any secondary peak – NMT 0.1 %. ii) Sum of all the secondary peaks – NMT 0.2%. iii) Ignore any peak less than 0.01%.
6.	Heavy metals	NMT 20 ppm.
7.	Sulphated ash	NMT 0.1 %, determined on 2.0 g.
8.	Loss on drying	NMT0.5 %, determined on 1.0 g.
9.	Assay	NLT 99.0 % and NMT 101.0 % of calculated on the dried basis.
10.	Microbial Enumeration Tests* i. Total aerobic microbial count (TAMC) ii.Total Combined Yeasts and Molds count (TYMC)	≤ 100 CFU/g ≤ 50CFU/g

*In house specification

The product complies to I.P. 2022 with respect to above tests.

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	KERALA STATE DRUGS AND PHARMACEUTICALS LTD, KALAVOOR PO, ALAPPUZHA, KERALA-688522		
Raw Material Specification			
Name of the Material: **MAGNESIUM CHLORIDE I.P.**			
SOP No:	KSDP/SOP/SPEC01	Spec. No:	KSDP/R/SPEC01/311
Effective date:	19/7/24	Revision No:	00

Sl.No.	TESTS	SPECIFICATION
1.	Description	Colourless crystals: hygroscopic.
2.	Solubility	Very soluble in water, freely soluble in ethanol (95 %).
3.	Identification	
A)	It gives reaction (A) of chlorides	A curdy white precipitate is formed, which is insoluble in nitric acid but soluble, after being well washed with water, in dilute ammonia solution, from which it is reprecipitated by the addition of dilute nitric acid.
B)	It gives reaction (A) of magnesium salts	A white precipitate forms that is redissolved by adding 1 mL of 2 M ammonium chloride. Add 1 mL of 0.25 M disodium hydrogen phosphate; a white crystalline precipitate is produced.
4.	Appearance of solution	Solution A is clear and colourless.
5.	Acidity or alkalinity	Not more than 0.3 mL of either 0.01 M hydrochloric acid or 0.01 M sodium hydroxide is required to change the colour of the solution.
6.	Arsenic	NMT 2 ppm.
7.	Heavy metals	NMT 20 ppm.
8.	Iron	NMT 10 ppm.
9.	Calcium	NMT 0.1 %.
10.	Sulphates	NMT 100 ppm.
11.	Assay	NLT 98.0 % and NMT 101.0 %, $MgCl_2.6H_2O$.
12.	Microbial Enumeration Tests* i. Total aerobic microbial count (TAMC) ii. Total Combined Yeasts and Molds count (TYMC)	 ≤ 100 CFU/g ≤ 50CFU/g

*In house specification

The product complies to I.P. 2022 with respect to above tests.

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	KERALA STATE DRUGS AND PHARMACEUTICALS LTD, KALAVOOR PO, ALAPPUZHA, KERALA-688522			
Raw Material Specification				
Name of the Material: **SODIUM CHLORIDE I.P. (PARENTERAL GRADE)**				
SOP No:	KSDP/SOP/SPEC01	Spec. No:	KSDP/R/SPEC01/300	
Effective date:	19/7/24	Revision No:	00	Page 1 of 2

Sl.No.	TESTS	SPECIFICATION
1.	Description	White or colourless crystals or a white crystalline powder.
2.	Solubility	Freely soluble in water and slightly more soluble in boiling water; practically insoluble in ethanol.
3.	Identification	
I.	It gives the reactions of chlorides	A) A curdy white precipitate is formed, which is insoluble in nitric acid but soluble, after being well washed with water, in dilute ammonia solution, from which it is reprecipitated by the addition of dilute nitric acid. B) Place a filter-paper strip moistened with 0.1 mL of diphenyl carbazide solution over the mouth of the test-tube; the paper turns violet-red.
II.	Solution (A) gives the reactions of sodium salts	A) A dense white precipitate is formed. B) A voluminous, white, crystalline precipitate is formed. Place in water at 20^0 and stir for 5 minutes. The precipitate does not disappear. Add 1 mL of dilute ammonia. The precipitate dissolves completely. Add 1 mL of ammonium carbonate solution. No precipitate is formed.
4.	Appearance of solution	Solution A is clear and colourless.
5.	Acidity or alkalinity	Not more than 0.5 mL of 0.01 M hydrochloric acid or 0.01 M sodium hydroxide is required to change the colour of the solution.
6.	Arsenic	NMT 1 ppm.
7.	Barium	No turbidity is produced within 2 hours.
8.	Bromide	NMT 100 ppm.
9.	Calcium and magnesium	NMT 50 ppm, calculated as Ca.
10.	Ferrocyanide	No blue colour is produced within 10 minutes.

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11.	Heavy metals	NMT 5 ppm.
12.	Iodide	The substance shows no blue colour after 5 minutes.
13.	Iron	NMT 20 ppm.
14.	Sulphates	NMT 300 ppm.
15.	Loss on drying	NMT 1.0 %, determined on 1.0 g.
16.	Potassium	NMT 0.1 %.
17.	Bacterial endotoxins	NMT 5.0 Endotoxin Unit / g of sodium chloride.
18.	Assay	NLT 99.0 % and NMT 100.5 %, calculated on the dried basis.
19.	Microbial Enumeration Tests* i. Total aerobic microbial count (TAMC) ii.Total Combined Yeasts and Molds count (TYMC)	 ≤ 100 CFU/g ≤ 50CFU/g

*In house specification

The product complies to I.P. 2022 with respect to above tests.

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