

# SUJALAM CHEMICALS

(MERS:-BASIC DRUG, PHARMACEUTICALS AND CHEMICALS)  
 (AN ISO 9001:2015 AND GMP CERTIFIED COMPANY)  
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## CERTIFICATE OF ANALYSIS

NAME OF THE PRODUCT	ISOMETAMEDIUM CHLORIDE HYDROCHLORIDE-IMP	CAS NO.	34301-55-8
BATCH NO.	ISM/3205/22	DATE OF ANALYSIS	18/05/2022
BATCH QTY.	60.240 KG	DATE OF MFG.	MAY- 2022
A.R.NO.	FP/ ISM/3205/33/22	DATE OF EXP.	APRIL- 2027

SR No.	Test	LIMITS	RESULT
1	Description	Dark purple to brown powder Particle Size < 20 Micron	Complies
2	Identification	The Infra-red absorption spectrum is concordant with the spectrum of Isometamedium chloride HCl.	Complies
3	Solubility 1 gm in 20 ml DM water	Red solution free from particulate matter.	Complies
4	pH (2.5% solution) DM water.	4.0 to 7.0	6.12
5	Water Content	NMT 8.00 %	5.690 %
6	Loss on Drying	NMT 8.00 %	5.690 %
7	Assay By HPLC		
	1) Disubstituted	Limit : 0.0 to 10.0 %	1.59 %
	2) Blue Isomer	Limit : 5.0 % to 20.0%	5.80%
	3) Isometamedium content	Limit : Min- 60.0 %	73.94 %
	4) Red Isomer	Limit :5.0 % to 20.0%	13.91 %
	Total content	Limit : Min- 85.0 %	95.24 %

Storage:- Store in a closed container excluding light and humidity.

Remark:- The above-performed tests comply as per IN-HOUSE Specifications.

Prepared by	Checked by	Approved by
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Date: 18/05/22	18/05/2022	18/05/2022
Q.C. CHEMIST	Q.C. OFFICER	Q.C. HEAD