

**CERTIFICATE OF ANALYSIS**

QUALITY CONTROL DEPT.		Page 1 of 1
Product Name	Potassium Bromide IP	
Country of origin	India	
Cas Number	7758-02-3	
HS Code	28275120	
Molecular Formula	KBr	
Molecular Weight(M.W)	119.002	
Batch No.	P/PB/2019/02/047	
Batch Qty.	625.0kgs	
A.R.NO.	2018/19/427	
Mfg. Date:	FEB-2019	
EXP. date:	JAN-2024	
Date of sampling	04/02/2019	
Date of completion of Analysis	04/02/2019	

TEST	LIMITS	RESULTS
Description	Colourless crystals or white crystalline powder ; odourless ; taste , saline and slightly bitter.	A white crystalline powder; odourless ; taste , saline and slightly bitter.
Solubility	Freely soluble in water and in glycerine, slightly soluble in alcohol.	Freely soluble in water and in glycerine, slightly soluble in alcohol.
Identification	A.Reaction of Potassium B.Reaction of Bromides	Complies the test. Complies the test.
Clarity and colour of solution	A 10 % w/v solution is clear and colourless.	Clear and colourless.
Acidity & Alkalinity	NMT 0.5 ml of 0.01 N sodium hydroxide or 0.01 N Hydrochloric acid for neutralisation to bromothymol blue olution,	Complies the test.
Heavy metals	NMT 10 ppm	Less than 10 ppm
Bromates	The Chloroform layer remains colourless	Complies the test.
Iodides	The Chloroform layer remains colourless	Complies the test.
Arsenic	NMT 2 ppm	Not Detected
Barium	5 ml of 10% solution complies the test.	Complies the test.
Iron	NMT 10 ppm	Less than 10 ppm
Sulphate	NMT 150 ppm	Less than 150 ppm
Chlorides	NMT 1.0 %	0.37 %
Sodium	No precipitate is formed within 15 min.	Complies the test.
Calcium and Magnesium	The solution remains clear	Complies the test.
Loss on drying @ 105°C	Limit NMT 1.0 %	0.38 %
Assay (on dry basis)	Limit 99.0 - 100.5 %	99.32 %

THE SAMPLE PASSES WITH PRESCRIBED STANDARDS OF QUALITY AS PER IP WITH RESPECT OF THE ABOVE TEST.

**NOTE:THIS DOCUMENT IS COMPUTER GENERATED SO SIGNATURE IS NOT REQUIRED.**

ANALYSED BY	APPROVED BY
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