



**Quality control laboratory**

Product name	Barium chloride dihydrate	Batch no.	BC085925K
MFG .Date	06/2025	EXP.Date	06/2030
Sensitive	-----	Storage	
CAS no.	10326-27-9	M.W	244.3 g/mol
M.F	BaCl <sub>2</sub> .2H <sub>2</sub> O		

S.N	Characteristics	Unite	Specification	Result
1	Appearance	--	White powder	Pass
2	Density	g/ml	3.86	Pass
3	Melting point	C	962	Pass
4	Solubility	In water	Soluble	Pass
5	pH	---	5.0 – 8.2	Pass
6	Assay	Wt%	Min (99)	98.5
7	Iron	Wt%	Max 0.002	Pass
8	Ca	Wt%	Max 0.01	Pass
9	Heavy metal as (Pb)	PPM	MAX 2	Pass
10	Sulfate	PPM	MAX 10	Pass

Above batch material complies with prescribed quality of the standard as stated above.

**M.Nasht**  
QC Manger

