

## Certificate of Analysis

Date of Testing:	2024-04-02 08:30:11
Date of Next Testing:	2028-04-01 08:30:11
Product Name:	<b>Barium chloride dihydrate</b>
CAS Number:	10326-27-9
Specifications & Purity:	ACS
Lot #:	C2428009
SKU #	<b>B111752</b>
Version	<b>0</b>
Analysis #:	<b>069545</b>

Parameter	Limit Values	Result
5% of the 25 °C Water PH value of PH	5.2-8.2	5.34
Iron(Fe)	0-2 (ppm)	0.00 ppm
Strontium(Sr)	0-0.1 (%)	0.00 %
Potassium(K)	0-0.0025 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Oxidizing substances	0-0.005 (%)	0.01 %
Purity Titration by EDTA	99-100 (%)	99.29 %
Sodium(Na)	0-0.005 (%)	0.00 %
Water by Karl Fischer	14-16 (%)	15.05 %
Insoluble matter	0-0.005 (%)	0.00 %
Appearance (B111752)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager