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825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01205
Product	Ammonium bromide

Lot Number	000331-34166
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CAS Number	12124-97-9
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Molecular Formula	NH ₄ Br
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Molecular Weight	97.94
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Appearance	White crystalline powder
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Solubility	68 g in 100 mL water @ 10 °C
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Heavy Metals	< 3 ppm (as Pb)
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Anion	Bromate (BrO ₃ ⁻): 0.001% Chloride (Cl ⁻): 0.0013% Iodide (I ⁻): Passes test Sulfate (SO ₄ ²⁻): < 0.005%
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Cation	Barium (Ba): < 0.002% Iron (Fe) :< 2 ppm
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pH	4.91 (5% aqueous solution @ 25 °C)
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Insoluble material	0.0004%
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Assay by titration	99.71%
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Grade	ACS reagent
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Application	It is used in photochemical reactions; precipitation of silver salts.
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Storage	Store at RT
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Additional Information	Sublimation point: 542 °C Residue after ignition: 0.007%
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Certificate of Analysis

Catalog Number: 01205

Lot Number: 000331-34166

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager