

CERTIFICATE OF ANALYSIS

Scopolamine butylbromide(CAS:149-64-4)

Batch No.: DR20170000	Quantity: 500kg
Manufacture Date: 2017.00.00	Retest Date: 2019.00.00

TESTS:

Items	Specification	Results
Characteristics	White or almost white crystalline powder	white crystalline powder
Specific rotation	-18° ~ -20°	-18.5°
Identification	1) Should Positive reaction	Positive reaction
	2) Infrared absorption spectra should be consistent with the control.	Conforms
	3) Should Positive reaction	Positive reaction
	4) Should Positive reaction	Positive reaction
PH	5.5~6.5	6.01
Clarity of solution	Conforms	Conforms
Anisodamine and related substances	Meets the requirements	Conforms
Loss on drying	≦2.5%	0.80%
Residue on ignition	≦0.1%	0.05%
Assay	≧99.0% of C ₂₁ H ₃₀ BrNO ₄ on dried basis	99.65%

Conclusion: The results conform with the CP2005 standard.



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