

Certificate of Analysis

Product Name:	Theobromine (CAS: 83-67-0)		
Batch No.:	NM20220419	MFQ Date:	2022-04-19
Quantity:	100 KG	Retest Date:	2024-04-18

Item	Specification	Results
Appearance	White powder	Conform
Identification	Positive reaction	Conform
	Conforms to the Spectrum obtained with theobromine CRS	Conform
Acidity	The test solution consumes 0.01mol/L NaOH≤0.2mL	Conform
Heavy metals	≤20ppm	<10ppm
Related Substances	≤0.5%	<0.5%
Loss on drying	≤0.5%	0.12%
Sulphated Ash	≤0.1%	0.08%
Assay	≥98.0%	98.9%
Related Substances	Caffeine≤0.2%	0.08%
	Individual impurities≤0.1%	0.06%
	Total impurities≤0.5%	0.14%
Particle size	Pass through 70mesh	Conform
Conclusion	Conform to EP 8.0 Standard.	

Storage: Store in Dry and Ventilated place with the Room Temperature, Preserved in Original containers, Keep Away from Light and Heating.

Analysis Date: 2022-04-19

Approver:

