

# CERTIFICATE OF ANALYSIS

Product Description      HEXADECYLTRIMETHYLAMMONIUM BROMIDE  
Product Number        H276  
Lot Number              12J0276005  
Storage Temperature    Room Temperature  
Molecular Weight       364.45  
Formula                  C<sub>19</sub>H<sub>42</sub>NBr  
CAS Number             59-09-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.64
Physical Appearance		
Color*	RM-1 to RM-3, or RM-31	RM-31 White
Texture	Fine Powder	Fine Powder
Solution Appearance		
Clarity	Clear to Slight Hazy	Slightly Hazy
Color	Colorless to Light Yellow	Colorless
Average Time to Dissolve	15 min	Passes
Insolubles	None	Passes <sup>1</sup>
Purity	For Information Only	99.8%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

<sup>1</sup> Solubility is aided by sonication.

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Recommended Shelf Life Date: September 2020



Gary Seckinger, Ph.D.



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