

CERTIFICATE OF ANALYSIS

Product Description	HEXADECYLTRIMETHYLAMMONIUM BROMIDE
Product Number	H276
Lot Number	AAR0276006
Storage Temperature	Room Temperature
Molecular Weight	364.45
Formula	C ₁₉ H ₄₂ NBr
CAS Number	57-09-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.3
Physical Appearance Color* Texture	RM-1 to RM-3, or RM-31 Fine Powder	PM-4 White Fine Powder
Solution Appearance Clarity Color	Clear to Slight Hazy Colorless to Light Yellow	Slightly Hazy Colorless
Average Time to Dissolve	30 min	Passes
Insolubles	None	Passes ¹
Purity	For Information Only	99.5%

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

¹Solubility 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.

Date of Release: 28-June-2018

Recommended Shelf Life Date: June-2026



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PhytoTechnology
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